CHAIRS

Zsolt Demetrovics
Daria J. Kuss
Mark D. Griffiths

SCIENTIFIC COMMITTEE

Max W. Abbott
Elias N. Aboujaoude
Judit Balázs
Alex Baldacchino
Joël Billieux
Alex Blaszczynski
Kenneth Blum
Henrietta Bowden-Jones
Matthias Brand
Wim van den Brink
Gerhard Bühringer
Sam-Wook Choi
Daniaan Denys
Jeffrey L. Derevensky
Naomi Fineberg
Anneke Goudriaan
Marie Grall-Bronnec
Jon E. Grant
Mark Griffiths
Heather Hausenblas
Tobias Hayer
Susumu Higuchi
David Hodgins
Eric Hollander
Yasser Khazaal
Daniel King
Orsolya Király
Ludwig Kraus
Emmanuel Kuntsche
Hae Kook Lee
Michel Lejoyeux
Olatz Lopez-Fernandez
Anikó Maráz
Giovanni Martinotti
F. Gerard Moeller
Astrid Müller
Filip Nuyens
Daniel Thor Olason
Bettina Pikó
Halley Pontes
Marc N. Potenza
Afarin Rahimi-Movaghar
József Rácz
Rory C. Reid
Hans-Jurgen Rumpf
Dan J. Stein
Marcantonio M. Spada
Daniel T. Spritzer
Sherry H. Stewart
Attila Szabó
Alfred Uhl
Róbert Urbán
Johan Vanderlinden
Alexander E. Voiskounsky
Aviv M. Weinstein
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<td>Klaus Wölfling: The Psychotherapy of Internet Addiction with special consideration of Gaming Disorder and Online Sex Addiction</td>
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<td>Sophia Achab: Internet related disorders: Past and future challenges for Health systems</td>
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<td>Session 1A - Current opinions in research on online addictive behaviors</td>
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<td>Session 1B - ADHD and behavioral addictions</td>
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<td>Session 3A - Cross-cultural studies on compulsive sexual behaviors</td>
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<td>Session 4A - Reducing gambling related harm</td>
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<td>Session 5A - Women and Behavioural Addiction - New paths in research and treatment</td>
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<td>Session 5B - Biological mechanisms underlying problematic pornography use and compulsive sexual behaviors</td>
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<td>Session 5C - Broadening our horizons: Exploring sports betting behaviors, gambling motives, barriers to care for help seeking, and cultural considerations for diverse populations</td>
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<td>Session 5D - Prevention and treatment of internet-related problems</td>
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<td>Christian Montag</td>
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<td>Session 6G - Round table: Women and behavioral addiction - New paths in research and treatment</td>
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<td>Mini-talks 2B - Methodological issues in gaming</td>
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<td>Plenary lectures: Sherry Stewart: A Coping Motives Mediation Model Explaining Links of Romantic Conflict to Addictive Behaviors</td>
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<td>Henrietta Bowden-Jones: Gambling; Policy and Treatment in the Post Gambling Review Era</td>
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<td>Session 7A - Context matters: Exploring relationships between compulsive sexual behavior and morality</td>
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<td>Session 7B - Understanding compulsive sexual behavior in women</td>
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<td>Session 7C - Profiling gaming disorder: Cross-addictive comportibilities, identification, prevention and treatment</td>
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<td>Session 7D - Assessment of problematic internet and social media use</td>
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<td>Session 7E - Online gambling</td>
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<td>Session 7F - The trajectory of cyber addictions: Current postulations and new avenues of interest in the behavioral addiction framework</td>
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<td>Session 7G - Coping strategies during the COVID-19 lockdown: A multicultural study on self-related risks</td>
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<td>Session 8C - The relevance of game transfer phenomena in the context of gaming disorder</td>
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<td>Session 8G - Hidden pandemic: Handling behavioral addiction during COVID 19 chaos in low middle income country</td>
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7th International Conference on Behavioral Addictions
Nottingham, UK, 20-22 June 2022

Wednesday, 22/June/2022
Opening & Plenary #1

Time: Monday, 20/June/2022: 1:00pm - 2:30pm
Location: LT2

Session Chair: Mark Griffiths
Session Chair: Daria J. Kuss

Opening

Edward Peck, Vice-Chancellor of Nottingham Trent University
Daria J. Kuss, Co-Chair of ICBA
Zsolt Demetrovics, President of ISSBA, Co-Chair of ICBA
Mark D. Griffiths, Co-Chair of ICBA

Plenary lectures

The Psychotherapy of Internet Addiction with special consideration of Gaming Disorder and Online Sex Addiction
Klaus Wöfling
University Medical Center Mainz, Germany; woelfling@uni-mainz.de

Internet related disorders: Past and future challenges for Health systems
Sophia Achab1,2,3
1ReConnecte Treatment Centre, Addiction Division, Psychiatry Department, University Hospitals of Geneva, Switzerland; 2Research Unit SWI-54-WHO Collaborating Centre for Training and Research in Mental Health, Faculty of Medicine, Geneva University, Switzerland; 3International Society for Addiction Medicine (ISAM), Regional Council - Europe and Global Expert Network (ISAM-GEN), Calgary, Canada; sophia.achab@hcuge.ch

Plenary #2

Time: Wednesday, 22/June/2022: 9:00am - 10:00am
Location: LT2

Session Chair: Zsolt Demetrovics

Presentations

A Coping Motives Mediational Model Explaining Links of Romantic Conflict to Addictive Behaviors
Sherry Stewart
Dalhousie University, Canada; sstewart@dal.ca

Gambling: Policy and Treatment in the Post Gambling Review Era
Henrietta Bowden-Jones
NHS, United Kingdom; Hb584@cam.ac.uk
DETAILED PROGRAM OF THE PARALLEL SESSIONS
## Session 1A

**Current opinions in research on online addictive behaviors**

**Time:** Monday, 20/June/2022: 3:00pm - 4:30pm

**Location:** LT2

**Session Chair:** Matthias Brand

### Presentations

**Current opinions in research on online addictive behaviors**

**Chair(s):** Matthias Brand (University of Duisburg-Essen, Germany)

**Presentations of the Symposium**

**New assessment approaches**

**Hans-Jürgen Rumpf:** hans-juergen.rumpf@uksh.de

University of Lübeck

**Psychophysiological correlates of positive and negative reinforcement in adolescent patients with Internet Gaming Disorder**

**Klaus Wölfling:** woelfling@uni-mainz.de

University Medical Center Mainz

**Pornography Use Disorder – impulse control disorder or behavioral addiction?**

**Rudolf Stark, Sanja Klein, Charlotte Markert:** rudolf.stark@psychol.uni-giessen.de

University of Giessen

**Problematic shopping on the internet – recent trends in buying-shopping disorder**

**Astrid Müller**, **Sabine Steins-Loeber:** mueller.astrid@mh-hannover.de

1Hannover Medical School, 2University of Bamberg

**An overview of problematic use of social networks: the role of psychosocial characteristics and further risk factors**

**Elisa Wegmann, Matthias Brand:** elisa.wegmann@uni-due.de

University of Duisburg-Essen, Germany
# Session 1B

**ADHD and behavioral addictions**

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<td>Monday, 20/June/2022:</td>
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<td>3:00pm - 4:30pm</td>
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**Session Chair:** Orsolya Király  
**Session Chair:** Giovanni Albani

## Presentations

### The correlation between ADHD and Gaming Disorder symptom severity is universal: preliminary results of a meta-analysis

Patrik Koncz¹, Orsolya Király², Zsófia Takács³, Zsolt Demetrovics⁴  
¹Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; ²Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; ³School of Health in Social Science, The University of Edinburgh, Edinburgh, UK; ⁴Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; koncz.patrik@ppk.elte.hu

### Frequency and factors associated with Attention Deficit Hyperactivity Disorder in patients with Sex Addiction

Benoît Schreck¹,², Camille Forcier¹, Marianne Balem¹,², Juliette Leboucher¹, Marie Grall-Bronnec¹,², Gaëlle Challet-Bouju¹,²  
¹CHU Nantes, France; ²INSERM UMR 1246 SPHERE, Nantes and Tours Universities, France; benoit.schreck@chu-nantes.fr

### Prevalence of behavioral addictions in adult ADHD patients: a case-control study

Giacomo Grassi, Chiara Cecchelli, Luisa Vignozzi, Anna Rapicavoli  
Brain Center Firenze, Italy; giacomograssimd@gmail.com

### Attention deficit hyperactivity disorder and behavioral addictions in patients with gender dysphoria

Chiara Cecchelli, Luisa Vignozzi, Anna Rapicavoli, Giacomo Grassi  
Brain Center Firenze, Italy; chiara.ceccelli@braincenterfirenze.it

### “Behavioral addictions and attention deficit hyperactivity disorder in Parkinson disease: a case-control study”

Giovanni Albani¹, Giacomo Grassi², Chiara Cecchelli², Luisa Vignozzi², Anna Rapicavoli², Lorenzo Razzolini²  
¹Le Terrazze Clinic Varese, Italy; ²Brain Center Florence, Italy; g.albani@auxologico.it
**Session 1C**

**Clarifying the role of reinforcement, motivations, reward sensitivity and impulsivity in gambling disorder**

*Time:* Monday, 20/June/2022: 3:00pm - 4:30pm  
*Location:* LT5

**Session Chair:** Zsolt Demetrovics

**Presentations**

**Clarifying the role of reinforcement, motivations, reward sensitivity and impulsivity in Gambling Disorder**  
*Chair(s):* Joel Billieux (University of Lausanne, Switzerland), Marc Potenza (Yale School of Medicine)

Presentations of the Symposium

**Testing the Pathways Model in a Sample of Patients with Gambling Disorder**  
*Gemma Mestre-Bach*¹, Roser Granero², Fernando Fernández-Aranda³, Marc Potenza⁴, Susana Jiménez-Murcia⁵; gemma.mestre@unir.net  
¹Universidad Internacional de La Rioja, ²Universitat Autònoma de Barcelona, Barcelona, ³Bellvitge University Hospital-IDIBELL, ⁴Yale School of Medicine

**Motivational background of gambling – A preliminary study**  
*Anna Magi*¹, Carrie Shaw², Chanel Larche², Andrea Czakó³, Borbála Paksi¹, Robert Urbán¹, Zsolt Horváth³, Zsolt Demetrovics²; demetrovics@t-online.hu  
¹Eötvös Loránd University, ²University of Gibraltar, ³Eötvös Loránd University
### Session 1D

#### Social media use - miscellaneous

**Time:** Monday, 20/June/2022: 3:00pm - 4:30pm  
**Location:** LT1

**Session Chair:** Francesca Chloe Ryding  
**Session Chair:** Julia Balcerowska

### Presentations

1. **Making sense of social networking sites in Body Dysmorphic Disorder: The clinician's perspective**  
   Francesca Chloe Ryding, Lydia Harkin, Daria Kuss  
   Nottingham Trent University, United Kingdom; francesca.ryding@ntu.ac.uk

2. **Problematic internet use and self-image among a children and youth psychiatric clinical sample: An experimental approach.**  
   Kornelius Winds, Belinda Plattner  
   University Clinic of children and youth psychiatry Salzburg, Private Medical University Salzburg, Austria; k.winds@salk.at

3. **Problematic social networking site use, psychopathology, resilience, and emotion dysregulation**  
   Zaheer Hussain¹, Elisa Wegmann², Mark Griffiths¹  
   ¹Nottingham Trent University, United Kingdom; ²University of Duisburg-Essen, Germany; zaheer.hussain@ntu.ac.uk

4. **The Contribution of Reward and Incentive Processes to the Use and Overuse of Social Networking Sites**  
   Niklas Ihssen, Michael Wadsley  
   Durham University, United Kingdom; niklas.ihssen@durham.ac.uk

5. **Which aspects of narcissism are related to Social Networking Sites addiction? The role of self-enhancement and self-protection motives**  
   Julia Maria Balcerowska  
   University of Gdańsk, Poland; julia.balcerowska@ug.edu.pl
**Session 1E**

**Problematic mobile phone use**

*Time:* Monday, 20/June/2022: 3:00pm - 4:30pm  
*Location:* LT3

**Session Chair:** Jon Elhai  
**Session Chair:** Joshua Robert Williams

**Presentations**

**Objectively-measured and self-reported smartphone use in relation to surface learning, procrastination, academic productivity, and psychopathology symptoms in college students**  
Jon Elhai¹, Onur Sapci¹, Haibo Yang², Aliaksandr Amialchuk¹, Dmitri Rozgonjuk³, Christian Montag³  
¹University of Toledo, United States of America; ²Tianjin Normal University, China; ³Ulm University, Germany; jonelhai@gmail.com

**Fear of Missing Out and anxiety symptoms are associated with latent profiles of problematic smartphone use severity within Chinese high school students**  
Joshua R. Williams¹, Cornelia Sindermann³¹, Haibo Yang¹, Jon D. Elhai¹,²  
¹Department of Psychology, University of Toledo, United States of America; ²Department of Psychiatry, University of Toledo, United States of America; ³Institute of Psychology and Education, Ulm University, Ulm, Germany; ²Department of Psychology, Tianjin Normal University, Tianjin, China; joshua.williams10@utoledo.edu

**The relationship of self-regulation, fear of missing out and smartphone addiction: The mediation role of classroom cyber-slacking**  
LE DANG¹², Anise M. S. WU¹, Meng Xuan ZHANG¹  
¹University of Macau, Macau S.A.R. (China); ²Pingdingshan University, Pingdingshan (China); yb97304@connect.um.edu.mo

**Phubbing as a Mobile Phone Addiction**  
Tatiana Kryukova, Olga Ekimchik, Elena Tikhomirova, Irina Umanskaya  
Kostroma State University, Russian Federation; tat.krukova44@gmail.com
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<td><strong>Session Chair:</strong> Lukas Blinka</td>
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### Presentations

**Associations between Emotion Regulations and Life Satisfaction with Flow Experience and Problematic Gaming Behaviours**
Ilaria Argenzano¹, Michael Andrew Pilgrom¹, Sebastiano Costa¹, Daria Kuss²
¹Università degli Studi della Campania Luigi Vanvitelli; ²Nottingham Trent University; [sebastiano.costa@unicampania.it](mailto:sebastiano.costa@unicampania.it)

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**Empty feelings and problematic videogaming: the serial mediating role of avatar identification and physical body dissociation**
Silvia Casale, Alessia Musicò, Nicola Gualtieri, Giulia Fioravanti
University of Florence, Department of Health Sciences, Italy; [silvia.casale@unifi.it](mailto:silvia.casale@unifi.it)

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**Motivation, Addiction and Engagement in Gaming: A 12-month Perspective**
Lukas Blinka, Karel Rečka, David Vaček
Masaryk University, Czech Republic; [lukasblinka@gmail.com](mailto:lukasblinka@gmail.com)

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**Positive associations between loneliness/hopelessness and IGD were mediated via self-control among emerging adults who were men who have sex with men in China**
Yanqiu Yu, Joyce Hoi-Yuk Ng, Vivian W.I. Fong, Zixin Wang, Joseph T.F. Lau
Center for Health Behaviours Research, Jockey Club of Public Health and Primary Care, The Chinese University of Hong Kong, Hong Kong S.A.R. (China); [yuyanqiu@link.cuhk.hk](mailto:yuyanqiu@link.cuhk.hk)

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**Positive urgency, but not negative urgency, correlates with problematic use of video games via craving: A study with Ecuadorian and Spanish samples**
Juan F. Navas¹, Jara-Rizzo Maria F.², Ismael Muela¹, José C. Perales³
¹Universidad Complutense de Madrid, Spain; ²University of Guayaquil, Ecuador; ³University of Granada, Spain; [jcesar@ugr.es](mailto:jcesar@ugr.es)
Session 1G

Gaming Interventions
Time:
Monday, 20/June/2022:
3:00pm - 4:30pm

Session Chair: Niko Abraham Männikkö
Session Chair: Annika Brandtner

Presentations

A peer support-based group intervention helps young adults to control their gaming behavior
Niko Männikkö1,2, Terhi Mustonen1, Krista Hylkilä2, Helmi Korhonen2, Maria Kääriäinen2
1Oulu University of Applied Sciences, Oulu, Finland; 2University of Oulu, Oulu, Finland; 3Sosped Foundation, Helsinki, Finland;
niko.mannikko@oamk.fi

A pre-registered, systematic review considering mindfulness-based interventions and neurofeedback for targeting affective and cognitive processes in behavioral addictions
Annika Brandtner1, Stephanie Antons1,2, Daniel L. King1, Marc N. Potenza3,4,5,6, Yi-Yuan Tang7, Gretchen R. Blycker4,5,10, Matthias Brand1,2, Magnus Liebherr1,2
1General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg, Germany; 2Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany; 3College of Education, Psychology, & Social Work, Flinders University, Australia; 4Departments of Psychiatry and Neuroscience and the Child Study Center, School of Medicine, Yale University, New Haven, USA; 5Connecticut Council on Problem Gambling, Wethersfield, USA; 6Connecticut Mental Health Center, New Haven, USA; 7Department of Psychological Sciences, Texas Tech University, Lubbock, TX, United States; 8Hälsoam Therapy, Jamestown, RI, USA; 9Department of Psychiatry, Yale University School of Medicine, New Haven, CT, USA; 10College of Nursing, University of Rhode Island, Kingston, RI, USA; magnus.liebherr@uni-du.de

Magali Dufour1, Lucie Barubé1, Catherine Gatineau1, Christine Lavoie1, Francine Ferland2, Nadine Blanchette-Martin2, Sylvie R. Gagnon3
1Universite du Quebec a Montreal, Canada; 2CIUSSS Capitale Nationale; 3CISSS Lanaudière; dufour.magali@uqam.ca

eSport program in high school: what is at play?
Antoine Lemay, Magali Dufour, Mathieu Goyette
Université du Québec à Montréal, Canada; lemay.antoine@courrier.uqam.ca

Tackling naturally occurring gambling craving among problem gamblers with interference
Aurélien Cornil1,2, Philippe de Timary1, Yasser Khazaal3, Pierre Maurage1, Lucien Rochat1, Olivier Simon1, Marta Walentynowicz2, Coralie Zumwald1, Joël Billieux1,6
1Réhabilitation, Hôpital Psychiatrique du Beau Vallon, Saint-Servais, Belgium; 2Psychological Sciences Research Institute, Université catholique de Louvain, Louvain-la-Neuve, Belgium; 3Department of Addiction Medicine, Lausanne University Hospital, Lausanne, Switzerland; 4Department of Adult Psychiatry, Saint-Luc University Hospital, Brussels, Belgium; 5Clinical Developmental Psychology Unit, University of Geneva, Geneva, Switzerland; 6Institute of Psychology, University of Lausanne, Lausanne, Switzerland; aurelien.cornil@uclouvain.be
Session 2A

Assessment issues in gaming and internet use

Time:
Monday, 20/June/2022: 5:00pm - 6:30pm

Location: LT2

Session Chair: Halley M. Pontes
Session Chair: Melina A. Throuvala

Presentations

A systematic overview of gaming motivation scales and the development of a comprehensive and up-to-date measure
Orsolya Király1, Róbert Urbán1, Daniel L. King2, Joël Billieux2, Patrik Koncz1,4, Zsolt Demetrovics1,5
1Institute of Psychology, ELTE Eötvös Loránd University, Hungary; 2College of Education, Psychology, & Social Work, Flinders University, Adelaide, Australia; 3Institute of Psychology, University of Lausanne, Lausanne, Switzerland; 4Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; 5Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; orsolya.papay@gmail.com

Assessment of disordered gaming: challenges and ways forward
Halley M. Pontes
Birkbeck, University of London, United Kingdom; contactme@halleypontes.com

Design in video games: Operationalization, assessment and relationship to gaming use
Melina A. Throuvala1, Mark D. Griffiths1, Daria J. Kuss1, Filipa Calado1, Halley M. Pontes2
1International Gaming Research Unit, Nottingham Trent University, United Kingdom; 2Department of Organisational Psychology, Birkbeck, University of London, United Kingdom; melina.throuvala@ntu.ac.uk

Assessment of specific Internet-use disorders: Overview and presentation of a new screening tool for uniform assessment based on ICD-11 criteria
Silke M. Müller1, Elisa Wegmann1, Andreas Oelker1, Hans-Jürgen Rumpf2, Matthias Brand1
1General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg, Germany; 2Department of Psychiatry and Psychotherapy, Research Group S:TEP (Substance use and related disorders: Treatment, Epidemiology, and Prevention), University of Lübeck, Germany; silke.m.mueller@uni-due.de

WebAddict: A new diagnosis interview for Internet Dependence
Joel Tremblay1, Magali Dufour2, Nadine Blanchette-Martin3, Francine Ferland3, Mathieu Goyette3, Andrée-Ann Légaré4, Natacha Brunelle1, Yasser Khazaal5
1UQTR, Canada; 2Université du Québec a Montréal; 3CIUSSS-Capitale Nationale / CISSS de Chaudière-Appalaches; 4Université de Sherbrooke; 5CHUV de Lausanne; joel.tremblay@uqtr.ca
Session 2B

Compulsive sexual behavior disorder: Examining biological, epidemiological, treatment interventions, and clinical correlates among help seeking populations

Time:
Monday, 20/June/2022:
5:00pm - 6:30pm

Location: LT4

Session Chair: Shane Kraus

Presentations

Compulsive Sexual Behavior Disorder: Examining Biological, Epidemiological, Treatment Interventions, and Clinical Correlates among Help Seeking Populations
Chair(s): Shane W Kraus (University of Nevada, Las Vegas, United States of America)

Presentations of the Symposium

Compulsive Sexual Behavior in a U.S. Nationally Representative Sample: Clinical Correlates and Predictors of Treatment Seeking
Joshua B Grubbs1, Christopher G Floyd1, Shane W Kraus2; Grubbs.J@BGSU.edu
1Bowling Green State University, 2University of Nevada, Las Vegas

Randomized, double-blind, placebo-controlled trial of paroxetine and naltrexone in treatment of heterosexual males with compulsive sexual behaviour disorder
Michal Lew-Starowicz1, Malgorzata Draps2, Ewelina Kowalewska1, Katarzyna Obarska3, Shane W Kraus1, Mateusz Gola4; michal.lew-starowicz@cmkp.edu.pl
1Centre of Postgraduate Medical Education, Warsaw, Poland, 2Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland, 3University of Nevada, Las Vegas, 4Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland

Compulsive sexual behavior: medication, therapy, and adhesion.
Marco de Tubino Scanavino1, Alia G Guirado1, Joao M Marques2; scanavino@gmail.com
1Universidade de Sao Paulo, 2Hospital das Clinicas da Faculdade de Medicina da Universidade de Sao Paul

Between addiction and compulsion – new data on neural mechanisms of Compulsive Sexual Behaviors Disorder
Malgorzata Draps1, Natalia Kowalczyk-Grabska2, Sylwia Adamus3, Malgorzata Wierzbka, Mateusz Gola4; mdraps@psych.pan.pl
1Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland, 2Faculty of Psychology, SWPS University of Social Sciences and Humanities, Warsaw, Poland, 3Medical University of Warsaw, Faculty of Medicine, Warsaw, Poland;Institute of Psychology, Polish Academy of Sciences, Warsaw, 4, Laboratory of Brain Imaging, Nencki Institute of Experimental Biology, Polish Academy of Sciences, Warsaw, Poland, 4Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland

Withdrawal and Tolerance as Related to Compulsive Sexual Behavior Disorder and Problematic Pornography Use – Preregistered Study Based on a Nationally Representative Sample in Poland
Karol Lewczuk1, Magdalena Wizła1, Agnieszka Glica2, Marc N Potenza3, Michal Lew-Starowicz4, Shane W Kraus5; m.wizla@student.uksw.edu.pl
1Institute of Psychology, Cardinal Stefan Wyszyński University, Warsaw, Poland, 2Laboratory of Language Neurobiology, Nencki Institute of Experimental Biology, Polish Academy of Sciences, Warsaw, Poland; Institute of Psychology, Cardinal Stefan Wyszyński University, Warsaw, Poland, 3Departments of Psychiatry, Neuroscience and Child Study, Yale University School of Medicine, New Haven, CT, USA; Connecticut Council on Problem Gambling, Wethersfield, CT, USA; Connecticut Mental Health Center, New Haven, CT, USA, 4Department of Psychiatry, Centre of Postgraduate Medical Education, Warsaw, Poland, 5Department of Psychology, University of Nevada, Las Vegas, NV, USA
## Session 2C

### Associated factors in gambling disorder

**Time:**
Monday, 20/June/2022: 5:00pm - 6:30pm

**Location:** LT5

**Session Chair:** Susana Jimenez-Murcia  
**Session Chair:** Fernando Fernandez-Aranda

### Presentations

#### Associated Factors in Gambling Disorder

**Chair(s):** Susana Jimenez-Murcia (Bellvitge University Hospital-IDIBELL, Spain and Ciber Fisiopatología Obesidad y Nutrición (CIBERObn), Instituto de Salud Carlos III, Madrid, Spain), Fernando Fernández-Aranda (Bellvitge University Hospital-IDIBELL, Spain and Ciber Fisiopatología Obesidad y Nutrición (CIBERObn), Instituto de Salud Carlos III, Madrid, Spain)

**Presentations of the Symposium**

**Psychiatric comorbidity in clinical gambling disorder – what came first? Temporal associations of co-morbidity and gambling disorder differ between women and men**

Anders Håkansson¹, Louise Larsson²; anders_c.hakansson@med.lu.se  
¹Lund University, Psychiatry, Lund and Region Skåne, Malmö Addiction Center, Gambling Disorder Unit, Malmö, Sweden, ²Lund University, Psychiatry, Lund, Sweden

**Gambling-related Offenses and Treatment Outcome**

Gemma Mestre-Bach¹, Cristina Vintro-Alcaraz², Roser Granero³, Fernando Fernandez-Aranda⁴, Susana Jimenez-Murcia⁴; gemma.mestre@unir.net  
¹Universidad Internacional de La Rioja, La Rioja, Spain, ²Bellvitge University Hospital-IDIBELL, Spain, ³Departament de Psicobiologia i Metodologia de les Ciències de la Salut, Universitat Autònoma de Barcelona, Barcelona, Spain and Ciber Fisiopatologia Obesidad y Nutricion (CIBERObn), Instituto de Salud Carlos III, Madrid, Spain, ⁴Bellvitge University Hospital-IDIBELL, Spain and Ciber Fisiopatología Obesidad y Nutrición (CIBERObn), Instituto de Salud Carlos III, Madrid, Spain

**Compulsivity-related neurocognitive domains in gambling disorder: exploring gender differences**

Nuria Mallorqui-Bague; nmallorqui@live.com  
Addictive Behaviours Unit, Department of Psychiatry, Hospital de la Santa Creu i Sant Pau, Biomedical Research Institute Sant Pau (IIB Sant Pau), Barcelona, Spain

**Self-Injuries, Suicidal Behavior and Gambling Disorder**

Eduardo Valenciano-Mendoza; edevalenciano@idibell.cat  
Department of Psychiatry, Bellvitge University Hospital-IDIBELL, Barcelona, Spain
Session 2D

Impulsivity and compulsion in behavioral addictions

Time: Monday, 20/June/2022: 5:00pm - 6:30pm

Location: LT1

Session Chair: Giacomo Grassi
Session Chair: Alexander Logemann

Presentations

Operationalizing compulsion in behavioral addictions: a systematic review
Ismael Muela¹, Juan F. Navas², José M. Ventura-Lucena³, José C. Perales¹
¹University of Granada, Spain; ²Universidad Complutense de Madrid, Spain; ³jcesar@ugr.es

Behavioral addictions in obsessive-compulsive disorder
Giacomo Grassi, Chiara Cecchelli, Luisa Vignozzi, Anna Rapicavoli
Brain Center Firenze, Italy; giacomograssimd@gmail.com

Impulsivity and compulsion in Compulsive Sexual Behaviour Disorder patients in treatment
Moria Vardi¹, Ronit Argaman², Yaniv Mama¹, Aviv Weinstein¹
¹Ariel University, Israel; ²Argaman Institute; avivweinstein@yahoo.com

New Frontiers of Impulsivity and compulsion in Parkinson’s disease: from pathology to creativity.
Giovanni Albani¹, Giacomo Grassi²
¹Le Terrazze Clinic Varese, Italy; ²Brain center Firenze, Italy; g.albani@auxologico.it

Mindfulness and inhibitory control across different reward contexts.
Alexander Logemann¹, Zsófia Logemann-Molnár¹², Atakan Akil¹², Renata Cserjési¹, Tamás Nagy¹, Anna Veres-Székely², Zsolt Demetrovics³⁴
¹Institute of Psychology ELTE, Eötvös Loránd University, 1064 Budapest, Hungary; ²Doctoral School of Psychology ELTE, Eötvös Loránd University, 1064 Budapest, Hungary; ³MTA-ELTE Lendület Adaptation Research Group, Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; ⁴Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; alexander.logemann@ppk.elte.hu
### Session 2E

**Adolescents and emerging adults suffering from Internet use disorders**

**Time:**
Monday, 20/June/2022:
5:00pm - 6:30pm

**Location:** LT3

**Session Chair:** Katajun Lindenberg

**Presentations**

**Adolescents and emerging adults suffering from Internet use disorders**

*Chair(s):* Katajun Lindenberg (Goethe-University Frankfurt, Germany, Germany), Kai Müller (University hospital Mainz)

**Presentations of the Symposium**

**Internet-related disorders and personality traits in adolescents: results on reciprocal effects from a longitudinal study**

*Kai Mueller;* muellka@uni-mainz.de
University hospital Mainz

**Estimated Prevalence of Unreported Internet Gaming Disorder in Routine Outpatient Child and Adolescent Psychotherapy**

*Sonia Kewitz¹, Eva Vonderlin², Katajun Lindenberg¹;* kewitz@psych.uni-frankfurt.de
¹Goethe-University Frankfurt, ²Heidelberg University

**Pilot study and concept of an app-based approach-avoidance task training aiming at reducing symptoms in students with hazardous Internet use**

*Christian Ebner, Katajun Lindenberg;* ebner@psych.uni-frankfurt.de
Goethe-University Frankfurt

**Brief telephone-based intervention for adolescents and young adults with problematic Internet use: Results from the randomized-controlled iPIN study**

*Hannah Schmidt¹, Dominique Brandt¹, Christian Meyer², Anja Bischof¹, Gallus Bischof¹, Anika Trachte¹, Svenja Orlowski¹, Bettina Besser¹, Hans-Jürgen Rumpf¹;* Hannah.Schmidt@uksh.de
¹University of Lübeck, ²University of Greifswald
### Session 2F

**Session 2F - Gaming and internet use**  
**Time:** Monday, 20/June/2022: 5:00pm - 6:30pm  
**Location:** LT6

**Session Chair:** Filip M. Nuyens  
**Session Chair:** Joana Beatriz Cardoso

### Presentations

#### Exploratory and Confirmatory Bayesian Analysis of the Nosographic Structure of Internet Gaming Disorder

Joana Beatriz Cardoso1,2, Tiago Bento Ferreira1,2, Artemisa Rocha Dores3,4  
1University Of Maia, Portugal; 2Center for Psychology at the University of Porto; 3School of Health, Polytechnic Institute of Porto; 4Laboratory of Neuropsychophysiology, Faculty of Psychology and Education Sciences of University of Porto; joanacardoso@ismai.pt

#### The mediating role of the dark tetrad in the links between gaming violence and aggression: A preliminary study

Filip M. Nuyens, Emmanouil Tsiros  
Nottingham Trent University, United Kingdom; filip.nuyens@ntu.ac.uk

#### Online gaming and prolonged self-isolation: evidence from Italian gamers during the COVID-19 outbreak

Alessandro Giardina  
Université de Lausanne, Italy; alessandro.giardina@unil.ch

#### Gaming disorder and stigma-related perceptions of problem and non-problem gamers

Christina Galanis, Daniel King  
Flinders University, Australia; daniel.king@flinders.edu.au

#### Student Problematic Internet Use Understood using the I-PACE model, Partial Network Correlation and Variance Partitioning

Oonagh Mary O’Brien1, Alex Sumich2, Thomas Baguley2, Daria Kuss3  
1Munster Technology University, Ireland; 2Nottingham Trent University, UK; oonagh.obrien@mtu.ie
### Session 2G

**Eating disorders**  
**Time:** Monday, 20/June/2022: 5:00pm - 6:30pm  
**Location:** LT9

**Session Chair:** Giulia Fioravanti  
**Session Chair:** Peiying Yang

#### Presentations

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<td><strong>Development of the Metacognitions about Binge Eating Questionnaire (MBEQ)</strong></td>
<td>Sara Palmieri¹²³, Alex Marchant¹, Sandra Sassaroli²³, Giovanni M. Ruggiero²³, Gabriele Caselli²³, Marcantonio M. Spada¹</td>
<td>¹Division of Psychology, School of Applied Sciences, London South Bank University, London, UK; ²Department of Psychology, Sigmund Freud University, Milan, Italy; ³Studi Cognitivi, Cognitive Psychotherapy School and Research Center, Milan, Italy; <a href="mailto:palmies2@lsbu.ac.uk">palmies2@lsbu.ac.uk</a></td>
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<td><strong>The relationship between Problematic Instagram use and Eating Disorders psychopathology: An explanatory model</strong></td>
<td>Giulia Fioravanti¹, Emanuele Cassioli², Eleonora Rossi², Silvia Casale¹, Valdo Ricca², Giovanni Castellini²</td>
<td>¹Psychology Unit, Department of Health Sciences, University of Florence, Italy; ²Psychiatry Unit, Department of Health Sciences, University of Florence, Italy; <a href="mailto:giulia.fioravanti@unifi.it">giulia.fioravanti@unifi.it</a></td>
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<td><strong>Body-Related Factors and Anxiety Predict Exercise Dependence and Eating Disorders in University Students: A Path Analysis</strong></td>
<td>Peiying Yang¹, Qian Yu¹², Fabian Herold¹²³, Jing Sun³, Attila Szabo⁵, Jinming Li¹, Alyx Taylor⁷, Liye Zou¹</td>
<td>¹Shenzhen University, China, People’s Republic of; ²University of Macau, China, People’s Republic of; ³Otto von Guericke University, Germany; ⁴German Center for Neurodegenerative Diseases (DZNE), Germany; ⁵Griffith University, Australia; ⁶ELTE Eötvös Loránd University, Hungary; ⁷AECC University College, UK; <a href="mailto:skyleryang40@gmail.com">skyleryang40@gmail.com</a></td>
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<td><strong>Is the three-pathway model applicable to food addiction in patients with obesity?</strong></td>
<td>Paul Brunault¹²³, Servane Barrault¹²³, Arnaud de Luca², Sarah El Archi², Régis Hankard², Céline Bourbao-Tournois⁶, Marie Grall-Bronnec⁶⁸, Christian Réveillère⁵, Nicolas Ballon¹²</td>
<td>¹CHRU de Tours, Service d'Addictologie Universitaire, Tours, France; ²UMR 1253, iBrain, University of Tours, Inserm, Tours, France; ³Qualipsy EE 1901, University of Tours, France; ⁴Université de Nantes, Université de Tours, Inserm, UMR 1246; ⁵CHRU de Nantes, Service d'Addictologie et de Psychiatrie de Liaison, Nantes, France; ⁶CHRU de Tours, Service de Chirurgie Digestive et Endocrinienne, Tours, France; ⁷CHRU de Tours, Service de Médecine Interne Nutrition, Tours, France; <a href="mailto:paul.brunault@univ-tours.fr">paul.brunault@univ-tours.fr</a></td>
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<td><strong>Normalizing BDD on an Institutional Level is Critical: An Autoethnographic Account</strong></td>
<td>Elizabeth Valencia-Gutierrez</td>
<td>Christian Theological Seminary, United States of America; <a href="mailto:elizvalencia86@gmail.com">elizvalencia86@gmail.com</a></td>
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<td><strong>A Personalized Medicine Approach to Improve Bariatric Surgery Outcomes Utilizing Psychosocial and Genetic Risk Assessments</strong></td>
<td>Thanos Panayotis Ph.D.,¹ Teresa Quattrin, MD¹, Kenneth Blum Ph.D.²</td>
<td>¹University at Buffalo, New York United States of America; ²Synaptamine Inc, United States of America; <a href="mailto:drd2gene@gmail.com">drd2gene@gmail.com</a></td>
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Session 3A
Cross-cultural studies on compulsive sexual behaviors

Time: Tuesday, 21 June 2022, 10:30am - 12:00pm
Location: LT2
Session Chair: Beáta Bóthe

Presentations

Cross-cultural studies on compulsive sexual behaviors
Chair(s): Beáta Bóthe (Université de Montréal, Canada)

Presentations of the Symposium

A cross-cultural study on compulsive sexual behavior disorder and problematic pornography use in Brazil, China, Germany, Poland, and the USA, based on males between 18 to 35 year old
Karin Lewczuk¹, Agnieszka Glicza², Magdalena Wizita¹, Stephanie Antonig³, Beáta Bóthe⁴, Matthias Brand⁵, Joana Carvalho⁶, Monika Górowska⁷, Joshua B. Grubbs⁸, Shane W. Kraus⁹, Yonghui Li¹⁰, Mateusz Gola¹¹; kar.lewczuk@gmail.com
¹Institute of Psychology, Cardinal Stefan Wyszyński University, Warsaw, Poland, ²Laboratory of Language Neurobiology, Nencki Institute of Experimental Biology, Polish Academy of Sciences, Warsaw, Poland; ³Institute of Psychology, Cardinal Stefan Wyszyński University, Warsaw, Poland, ⁴General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg, Duisburg, Germany, ⁵Département de Psychologie, Université de Montréal, Montréal, Canada, ⁶General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg, Duisburg, Germany; ⁷Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany, ⁸School of Psychology and Life Sciences, Lusofona University of Humanities and Technologies, Lisbon, Portugal; HEI-Lab: Digital Human-Environment and Interactions Labs, Universidade Lusofona de Humanidades e Tecnologias, Lisbon, Portugal, ⁹Key Laboratory of Mental Health, Institute of Psychology, Chinese Academy of Sciences, Beijing, China; ¹⁰Department of Psychology, University of Chinese Academy of Sciences, Beijing, China, ¹¹Department of Psychology, Bowling Green State University, Bowling Green, OH, USA, ¹²Department of Psychology, University of Nevada, Las Vegas, NV, USA, ¹³Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; ¹⁴Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland

Compulsive sexual behaviors and comorbid disorders – Findings from a 45-country survey
Shane W. Kraus¹, Mónika Koós⁵, Léna Nagy⁷, Zsolt Demetrovics⁸, Marc N. Potenza⁴, International Sex Survey Consortium⁵, Beáta Bóthe⁴; shane.kraus@unlv.edu
¹Department of Psychology, University of Nevada, Las Vegas, Las Vegas, NV, USA, ²Institute of Psychology, ELTE Eötvös Loránd University, Budapest; ³School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁴Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; ⁵Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁶Département de Psychiatrie et Neurosciences et Child Study Center, Yale School of Medicine, New Haven, CT, United States; ⁷Connecticut Council on Problem Gambling, Wethersfield, CT, United States; Connecticut Mental Health Center, New Haven, CT, USA, ⁸Institute of Psychology, Université de Montréal, Montréal, Canada

Do paraphilic disorders and compulsive sexual behavior disorder occur together? - Findings from a 45-country cross-cultural study
Léna Nagy⁷, Mónika Koós⁵, Zsolt Demetrovics⁸, Shane W. Kraus⁹, Marc N. Potenza⁴, International Sex Survey Consortium⁵, Beáta Bóthe⁴; nay.lenan@ppk.elte.hu
¹Institute of Psychology, ELTE Eötvös Loránd University, Budapest; ²School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ³Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; ⁴Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁵Département de Psychiatrie et Neurosciences et Child Study Center, Yale School of Medicine, New Haven, CT, United States; ⁶Connecticut Council on Problem Gambling, Wethersfield, CT, United States; Connecticut Mental Health Center, New Haven, CT, USA, ⁷Département de Psychiatrie, Université de Montréal, Montréal, Canada

Cross-cultural examination of the moral incongruence model of problematic pornography use – Insights from the 45-country International Sex Survey (ISS)
Beáta Bóthe¹, Mónika Koós⁵, Léna Nagy⁷, Zsolt Demetrovics⁸, Shane W. Kraus⁹, Marc N. Potenza⁴, International Sex Survey Consortium⁵, beata.bothe@umontreal.ca
¹Département de Psychiatrie, Université de Montréal, Montréal, Canada, ²Institute of Psychology, ELTE Eötvös Loránd University, Budapest; ³School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁴Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; ⁵Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁶Département de Psychiatrie et Neurosciences et Child Study Center, Yale School of Medicine, New Haven, CT, United States; ⁷Connecticut Council on Problem Gambling, Wethersfield, CT, United States; Connecticut Mental Health Center, New Haven, CT, USA, ⁸Institute of Psychology, Université de Montréal, Montréal, Canada

Do the motivational background of pornography use frequency and problematic pornography use differ? Findings from a 45-country survey study
Mónika Koós⁵, Léna Nagy⁷, Zsolt Demetrovics⁸, Shane W. Kraus⁹, Marc N. Potenza⁴, International Sex Survey Consortium⁵, beata.bothe@umontreal.ca
¹Institute of Psychology, ELTE Eötvös Loránd University, Budapest; ²School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ³Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; ⁴Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁵Département de Psychiatrie et Neurosciences et Child Study Center, Yale School of Medicine, New Haven, CT, United States; ⁶Connecticut Council on Problem Gambling, Wethersfield, CT, United States; Connecticut Mental Health Center, New Haven, CT, USA, ⁷Département de Psychiatrie, Université de Montréal, Montréal, Canada
Session 3B

Issues in behavioral addictions

Time:
Tuesday, 21/June/2022: 10:30am - 12:00pm
Location: LT4

Session Chair: Serge Sevigny
Session Chair: Marianne Balem

Presentations

Clinical and psychological features of persons with internet dependence: experience of a pilot research
Aleksei Egorov1,3, Severin Grechany2, Anna Trusova3, Alexander Kibitov4
1IM Sechenov Institute of Evolutionary Physiology and Biochemistry, Russian Federation; 2St. Petersburg State Pediatric Medical University; 3St Petersburg State University; 4Federal Medical Research Centre for Psychiatry and Narcology; draegorov@mail.ru

Garbage in, garbage out? Improving the quality of behavioral addiction data from panel and crowdsourced samples
Igor Yakovenko, Jacob Belliveau
Dalhousie University, Canada; igor.yakovenko@dal.ca

Gambling and COVID-19 – Swedish national gambling data from a state-owned gambling sports and casino operator
Marianne Balem1, Anna Karlsson2,3, Carolina Widinhoff2,3, Bastien Perrot1,4, Gaëlle Challet-Bouju1,5, Anders Håkansson2,3
1UMR1246 SPHERE (MethodS in Patients centered outcomes and HEalth ResEarch), Nantes University, Tours University, INSERM, Nantes, France; 2Faculty of Medicine, Department of Clinical Sciences Lund, Psychiatry, Lund University, Lund, Sweden; 3Malmö Addiction Center, Region Skåne, Malmö, Sweden; 4Biostatistics and Methodology Unit, Department of Clinical Research and Innovation, CHU Nantes, Nantes, France; 5Addictology and Psychiatry Department, CHU Nantes, Nantes, France; marianne.balem@chu-nantes.fr

Influence of bingo halls temporary closure due to Covid-19 on gamblers’ reported perceptions and behaviours.
Serge Sevigny1, Christian Jacques1, Étienne Gagnon1, Stéphane Bouchard2, Isabelle Giroux1
1Université Laval, Canada; 2Université du Québec en Outaouais; serge.sevigny@fse.ulaval.ca

Predictors of cyberchondria during the COVID-19 pandemic: A supervised machine learning approach
Alexandre Infanti1, Vladan Starcevic2, Adriano Schimmenti3, Yasser Khazaal4, Laurent Karila5, Alessandro Giardina6, Maëva Flayelle6, Stéphanie Baggio7,8, Claus Vögele1, Joël Billieux4,4
1University of Luxembourg, Luxembourg; 2University of Sydney, Australia; 3Kore University of Enna, Italy; 4Lausanne University Hospital (CHUV), Switzerland; 5Paris-Saclay University, France; 6University of Lausanne, Switzerland; 7Geneva University Hospitals, Switzerland; 8Office of Corrections, Switzerland; alexandre.infanti@uni.lu
### Session 3C

**Gambling treatment**

**Time:**
Tuesday, 21/June/2022:
10:30am - 12:00pm

**Location:** LT5

**Session Chair:** Robert Astur
**Session Chair:** Niklas Tapani Mäkelä

**Presentations**

1. **Accelerated repetitive transcranial magnetic stimulation (rTMS) in the treatment of gambling disorder: preliminary findings from a double-blind, sham-controlled trial**
   Mauro Pettorruso, Francesco Di Carlo, Elena Picutti, Lorenza Lucidi, Ilenia Di Muzio, Maria Chiara Vicinelli, Giulia Giovannetti, Giovanni Martinotti, Massimo di Giannantonio
   University of Chieti-Pescara, Italy; francesco.dic@hotmail.it

2. **As-needed intranasal naloxone for the treatment of gambling disorder: a randomized control trial**
   Niklas Mäkelä1, Hannu Alho1, Jarkko Isotalo2, Lilianne Toivonen2, Jyrki Ollikainen2, Sari Castrén2,3
   1University of Helsinki, Department of Medicine, Helsinki, Finland; 2Finnish Institute for Health and Welfare, Health and Well-Being Promotion Unit, Finland; 3University of Tampere, Tampereen Yliopisto, Finland
   niklas.makela@helsinki.fi

3. **Impact of CBT based treatment and therapeutical contract on problem gambler treatment**
   Pedro Hubert1, Filipa Calado2, Bruno Bento1, Sarha Menezes1, Andre Fialho1
   1Instituto de Apoio ao Jogador, lda, Portugal; 2Nottingham Trent University, Nottingham, United Kingdom; pedro.hubert24@gmail.com

4. **Using Virtual Reality to Reduce Problematic Gambling in Young Adults**
   Skyler Sklenarik1, Michael Lehane1, Stephane Bouchard2, Marc Potenza3, Robert Astur1
   1University of Connecticut, USA; 2University of Quebec at Outaouais, Canada; 3Yale School of Medicine, USA; robert.astur@uconn.edu

5. **Predictors of Suicide Attempts in Male UK Gamblers Seeking Residential Treatment**
   Amanda Roberts1, Steve Sharman2
   1University of Lincoln, United Kingdom; 2Kings College, London; aroberts@lincoln.ac.uk
**Session 3D**

**Interface of internet, social media and alcohol use**

*Time:*
Tuesday, 21 June 2022: 10:30am - 12:00pm

*Location:* LT1

*Session Chair:* Ina Koning
*Session Chair:* Yatan Pal Singh Balhara

**Presentations**

**Interface of internet, social media and alcohol use**

*Chair(s):* Ina Koning (Utrecht University, Netherlands, The), Yatan Pal Singh Balhara (National Drug Dependence Treatment Center and Department of Psychiatry)

**Presentations of the Symposium**

**Alcohol use related Internet search behavior and reporting on alcohol availability in online media during COVID-19: Observations from India**

Yatan Pal Singh Balhara; ypsbalhara@gmail.com
National Drug Dependence Treatment Center and Department of Psychiatry

**How Specific is Alcohol-Specific Self-Control? A Longitudinal Study of the Mediating Role of Alcohol-Specific Self-Control in the Relation between General Self-Control and Adolescent Alcohol Use**

Suzanne Geurts, Ina Koning, Catrin Finkenauer; s.m.geurts@uu.nl
Utrecht University

**Shared and unique factors in the understanding of alcohol use and problematic social media use.**

Ina Koning; i.koning@uu.nl
Utrecht University

**Discussion: is there an intersection between alcohol use and digital media addiction?**

Renske Spijkerman; renske.spijkerman@brijder.nl
Parnassia Group Academy, Brijder Youth Addiction Treatment
### Session 3E

**Buying-shopping disorder: Conceptualization and underlying mechanisms**

**Time:**
Tuesday, 21/June/2022: 10:30am - 12:00pm

**Location:** LT3

**Session Chair:** Astrid Müller  
**Session Chair:** Susana Jiménez-Murcia

## Presentations

### Buying-shopping disorder: Conceptualization and underlying mechanisms

**Chair(s):** Astrid Müller (Hannover Medical School, Hanover, Germany), Susana Jiménez-Murcia (Department of Psychiatry, University Hospital Bellvitge-IDIBELL, Barcelona, Spain)

### Development of Diagnostic Criteria for Buying-shopping Disorder by Using the Delphi Method

Nora M. Laskowski, Astrid Müller, Patrick Trotzke, Katina Ali, Daniel Fassnacht, Martina de Zwaan, Matthias Brand, Michael Häder, Michael Kyrios; laskowski.nora@mh-hannover.de

Hannover Medical School, Hanover, Germany, 1IU Internationale Hochschule, Erfurt, 4International University of Applied Sciences (IUBH), Cologne, Germany, Germany. 2Flinders University, Adelaide, Australia. 3General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg-Essen, Germany. 4Technical University of Dresden, Dresden, Germany

### Executive functions in binge spectrum eating disorders with comorbid compulsive buying and therapy implications

Fernando Fernández-Aranda, Lucero Munguía, Ignacio Lucas, Susana Jiménez-Murcia, Bernat Mora-Malta, Roser Granero; ffernandez@bellvitgehospital.cat

Department of Psychiatry, University Hospital Bellvitge-IDIBELL, Barcelona, Spain.

### Dealing with everyday temptations: How aspects of self-regulation affect problematic use of social network sites and online shopping

Annica Kessling, Elisa Wegmann, Matthias Brand, Stephanie Antons; annica.kessling@uni-due.de

General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg-Essen, Germany

### Buying-Shopping Disorder and the role of vulnerability to fashion-related marketing in a community sample of 242 adult women

Gaëlle Challet-Bouju, Emeline Chauchard, Julie Mariez, Marie Grall-Bronnec; Gaelle.BOJU@chu-nantes.fr

CHU Nantes, Addictology and Psychiatry Department, Nantes, France. 2Nantes Université, Univ Angers, Laboratoire de psychologie des Pays de la Loire, LPPL, UR 4638, F-44000 Nantes, France
### Session 3F

**Gambling - miscellaneous**

**Time:**
- Tuesday, 21/June/2022:
  - 10:30am - 12:00pm

**Location:** LT6

**Session Chair:** Steve Sharman

**Session Chair:** Pawel Sleczka

**Presentations**

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| The meaning of money in gambling.                                            | Pawel Sleczka, Barbara Braun, Ludwig Kraus
|                                                                              | DHGS Deutsche Hochschule für Gesundheit und Sport, Germany; Pawel.Sleczka@dhgs-hochschule.de |
| Characteristics that predict engagement in instant win games                 | Carrie A. Shaw¹, Judith Glynn¹, Robert J. Williams², Zsolt Demetrovic²            |
|                                                                              | ¹University of Gibraltar, Gibraltar (United Kingdom); ²University of Lethbridge, Alberta, Canada; judith.glynn@unigib.edu.gi |
| Gambling marketing in matchday football programmes: A longitudinal study.    | Steve Sharman
|                                                                              | King's College London, United Kingdom; stephen.p.sharman@kcl.ac.uk               |
| The influence of control beliefs on post-loss speeding - An online replication of Langer & Roth (1975) | Charlotte Eben¹, Zhang Chen¹, Joël Billieux²-³, Frederick Verbruggen¹ |
|                                                                              | ¹Ghent University, Belgium; ²Institute of Psychology, University of Lausanne, Lausanne, Switzerland; ³Centre for Excessive Gambling, Addiction Medicine, Lausanne University Hospitals (CHUV), Lausanne, Switzerland; charlotte.eben@ugent.be |
| Differences in gambling behaviors between people who gamble in legal and illegal settings in Israel | Hagit Bonny-Noach¹,² |
|                                                                              | ¹Ariel University, Israel; ²Israeli Society of Addiction Medicine (ILSAM); hagitbo@gmail.com |
## Session 3G

**Exercise addiction**

**Time:**
Tuesday, 21 June/2022: 10:30am - 12:00pm

**Location:** LT9

**Session Chair:** Álvaro Sicilia
**Session Chair:** McKenzie Miller

### Presentations

**Examination of content validity of self-report measures of problematic exercise: A systematic review**

Álvaro Sicilia1, Manuel Alcaraz-Ibáñez1, Adrian Paterna1, Maria del Mar López-Carrillo1, Mark D. Griffiths2

1University of Almería, Spain; 2Nottingham Trent University, U.K.; ascilia@ual.es

**An exploratory examination on the definition of the problematic exercise components assessed with psychometric instruments derived from different theoretical conceptualizations**

Álvaro Sicilia1, Adrian Paterna1, Manuel Alcaraz-Ibáñez1, Maria del Mar López-Carrillo1, Mark D. Griffiths2

1University of Almería, Spain; 2Nottingham Trent University, U.K.; ascilia@ual.es

**Cognitive and behavioral inflexibility in exercise dependence: a transdiagnostic process underpinning behavioral addictions**

McKenzie Miller, Christina Sanzari, Julia Hormes

University at Albany, State University of New York, United States of America; tcmckenziemiller@gmail.com

**Exercise addiction during the Covid-19 pandemic in Italy**

Franca Ceci1, Francesco Di Carlo1, Julius Burkauskas2, Anatolia Salone1, Ilaria De Luca2, Dorotea Cicconcelli3, Valentina Giorgetti2, Antonino Todaro2, Pierluigi Simonato2, Giovanni Martinotti2, Massimo di Giannantonio2, Ornella Corazza3

1University of Chieti-Pescara, Italy; 2Lithuanian University of Health Sciences, Lithuania; 3University of Hertfordshire, UK; 4Unitelma Sapienza, Rome, Italy; francesco.dic@hotmail.it
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<td><strong>Reducing gambling related harm</strong></td>
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<td><strong>Session Chair:</strong> Michael P. Schaub</td>
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<td><strong>The effects of a 60-minute mandatory play break on a real-world sample of UK online casino gamblers</strong></td>
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<td>Michael Auer, Niklas Hopfgartner, Mark Griffiths</td>
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<td>neccton, Austria; <a href="mailto:m.auer@neccton.com">m.auer@neccton.com</a></td>
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<tr>
<td><strong>Cooling Off: The Effects of Mandatory Breaks in Online Gambling</strong></td>
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<td>Niklas Hopfgartner¹,², Michael Auer³, Tiago Santos⁴, Denis Helic⁵, Mark D. Griffiths⁶</td>
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<td>¹Graz University of Technology, Austria; ²neccton GmbH, Austria; ³Nottingham Trent University, UK; <a href="mailto:n.hopfgartner@tugraz.at">n.hopfgartner@tugraz.at</a></td>
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<td><strong>The impact of forced abstinence on gambling: A natural ABA design study</strong></td>
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<td>Carrie Ann Shaw⁷, David C Hodgins⁸, Robert J Williams⁹, Yale Belanger¹⁰, Darren R. Christensen¹¹, Nady el-Guebaly¹², Daniel S McGrath¹³, Rhys M. G. Stevens¹⁴, Fiona Nicoll¹⁵</td>
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<td>⁷University of Gibraltar, Gibraltar (United Kingdom); ⁸University of Calgary, Calgary, Canada; ⁹University of Lethbridge, Lethbridge, Canada; ¹⁰University of Alberta, Edmonton, Canada; <a href="mailto:carrie.shaw@unigib.edu.gi">carrie.shaw@unigib.edu.gi</a></td>
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<td><strong>Limit setting and preventing problem gambling: Results of empirical studies using account-based tracking data</strong></td>
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<td>Mark Griffiths¹⁶, Michael Auer²</td>
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<td>¹Nottingham Trent University, United Kingdom; ²neccton GmbH; <a href="mailto:mark.griffiths@ntu.ac.uk">mark.griffiths@ntu.ac.uk</a></td>
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<td><strong>Efficacy of a web-based self-help tool to reduce problem gambling: results of a two-armed randomised controlled trial</strong></td>
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<td>Michael P. Schaub¹, Christian Baumgartner², Doris Malischng³, Matthew T. Keough³</td>
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<td>¹Swiss Research Institute for Public Health and Addiction ISGF, Switzerland; ²University of Vienna Faculty of Psychology, Austria; ³University of York, Canada; <a href="mailto:michael.schaub@isgf.uzh.ch">michael.schaub@isgf.uzh.ch</a></td>
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Session 4B

**Advances in the etiology, assessment and treatment of compulsive sexual behaviors**

**Chair(s):** Rudolf Stark (Department of Psychotherapy and Systems Neuroscience, Justus-Liebig University Giessen, Giessen, Germany), Matthias Brand (General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Germany), Marc N. Potenza (Department of Psychiatry, Child Study Center, and Department of Neuroscience, Yale University School of Medicine, New Haven, USA)

**Presentations**

**Sexual motivations underlying compulsive sexual behavior, findings from a cross-cultural survey study**

Mónika Koós¹, Johannes Fuss², Verena Klein², Zsolt Demetrovics³, Beáta Bőthe⁴; koos.monica@ppk.elte.hu
1Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ²Institute for Sex Research, Sexual Medicine and Forensic Psychiatry, University Medical Center Hamburg-Eppendorf, Hamburg, Germany, ³Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; Institute of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary, ⁴Département de Psychologie, Université de Montréal, Montreal, Canada; Institute of Psychology, ELTE Eötvös Loránd University, Budapest

**Craving and self-regulation as key mechanisms of problematic pornography use**

Stephanie Antons¹, Marc N. Potenza², Matthias Brand³; stephanie.ants@uni-due.de
¹General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Germany, ²Department of Psychiatry, Child Study Center, and Department of Neuroscience, Yale University School of Medicine, New Haven, USA

**The role of sexual abstinence in treating CSBD: A pilot study**

Charlotte Markert, Andreas Baranowski, Rudolf Stark; Charlotte.Markert@psychol.uni-giessen.de
Department of Psychotherapy and Systems Neuroscience, Justus-Liebig University Giessen, Giessen, Germany

**Naltrexone in compulsive sexual behaviord Disorder: A feasibility study**

Josephine Savard¹, Katarina Görts-Öberg², Andreas Chatzitofis³, Cecilia Dhejne⁴, Stefan Arver⁵, Jussi Jokinen¹; josephine.savard@umu.se
¹Umeå University, Umeå, Sweden, ²Karolinska University Hospital, Stockholm, Sweden, ³University of Cyprus, Nicosia, Cyprus

**Group- and Internet administered cognitive behavioral therapy for hypersexual disorder in men**

Katarina Görts-Öberg¹, Jonas Hallberg¹, Stefan Arver¹, Jussi Jokinen²; katarina.gorts-oberg@regionstockholm.se
¹Karolinska University Hospital, Stockholm, Sweden, ²Umeå University, Umeå, Sweden
### Session 4C

**Gambling and gambling disorder: from basic to applied science**

- **Time:** Tuesday, 21/June/2022: 1:00pm - 2:30pm
- **Location:** LT5
- **Chair:** Anja Kräplin
- **Session Chair:** Anneke E. Goudriaan

#### Presentations

**Gambling and gambling disorder: From basic to applied science**

Chair(s): Anja Kräplin (Technische Universität Dresden, Germany), Anna E. Goudriaan (Amsterdam UMC – location AMC, University of Amsterdam, The Netherlands & Arkin and Jellinek, Mental Health Care, and Amsterdam Institute for Addiction Research, Amsterdam, The Netherlands)

Presentations of the Symposium

**Metacognition and the effect of incentive motivation in compulsive gambling and obsessive-compulsive disorder**

Ruth Janke van Holst¹, Monja Hoven², Nina S. de Boer², Anna E. Goudriaan², Damiaan Denys¹, Mael Lebreton³, Judy Luigjes¹;

¹Amsterdam UMC – location AMC, University of Amsterdam, The Netherlands, ²Department of Philosophy, Radboud University, Nijmegen, The Netherlands, ³Amsterdam UMC – location AMC, University of Amsterdam, The Netherlands & Arkin and Jellinek, Mental Health Care, and Amsterdam Institute for Addiction Research, Amsterdam, The Netherlands, ⁴Paris School of Economics, Paris, France & Swiss Center for Affective Science, University of Geneva, Switzerland & Laboratory for Behavioral Neurology and Imaging of Cognition, Department of Fundamental Neurosciences, University of Geneva, Switzerland

**The near-miss in online slot machine gambling: a pre-registered conceptual replication**

Lucas Palmer, Mario Ferarri, Luke Clark; lpalmer@psych.ubc.ca

Center for Gambling Research, University of British Columbia

**Computational psychiatry in context – real-life, but not virtual-reality gambling environments modulate decision-making in gambling disorder**

Jan Peters, Ben Jonathan Wagner, Luca-René Bruder, David Mathar; jan.peters@uni-koeln.de

Department of Psychology, Biological Psychology, University of Cologne

**Individual risk factors in online sports bettors**

Theresa Wirkus¹, Robert Czernecka², Gerhard Bühringer², Anja Kräplin³; Theresa.wirkus@tu-dresden.de

¹Technische Universität Dresden, Dresden, Germany, ²Technische Universität Dresden, Dresden, Germany & Institut für Therapieforschung, München, Germany & Department of Clinical Research, Faculty of Health, University of Southern Denmark, Odense, Denmark

**Risky gambling behaviour in online sports bettors – an analysis of transaction data**

Robert Czernecka¹, Theresa Wirkus¹, Gerhard Bühringer², Anja Kräplin³; Robert.czernecka@tu-dresden.de

¹Technische Universität Dresden, Dresden, Germany, ²Technische Universität Dresden, Dresden, Germany & Institut für Therapieforschung, München, Germany & Department of Clinical Research, Faculty of Health, University of Southern Denmark, Odense, Denmark
### Session 4D

**Current developments in research on problematic social networks use: affective and cognitive mechanisms**

**Time:**
Tuesday, 21/June/2022: 1:00pm - 2:30pm

**Location:** LT1

**Session Chair:** Elisa Wegmann  
**Session Chair:** Silke M. Müller

## Presentations

**Current developments in research on problematic social networks use: affective and cognitive mechanisms**  
**Chair(s):** Elisa Wegmann (University of Duisburg-Essen, Germany), Silke M. Müller (University of Duisburg-Essen, Germany)

### Presentations of the Symposium

**Cue reactivity in individuals with problematic use of social media: an event-related potential study**  
Tania Moretta, Giulia Buodo; tania.moretta.1@unipd.it  
Department of General Psychology, University of Padova

**Investigating the attentional bias hallmark of addictive behaviour in social media users**  
David J. Robertson, Simon C. Hunter, Stephen H. Butler, Katie Thomson; david.j.robertson@strath.ac.uk  
School of Psychological Sciences and Health, University of Strathclyde, Glasgow, UK

**The interplay of cue-reactivity, craving, and decision making: Empirical findings regarding the development and maintenance of a problematic use of social networks**  
Elisa Wegmann¹, Silke M. Müller², Patrick Trotzke², Matthias Brand¹; elisa.wegmann@uni-due.de  
¹General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg, Germany, ²TU – International University of Applied Sciences, Erfurt, Germany

**Decision making under risk in problematic social-networks-use and other specific Internet-use disorders**  
Silke M. Müller¹, Elisa Wegmann¹, Maria García Arias², Elena Bernabéu Brotóns², Carlos Marchena Giráldez², Matthias Brand¹;  
¹General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg, Germany, ²Faculty of Education and Psychology, University Francisco de Vitoria, Madrid, Spain
### Session 4E

**Work addiction**

**Session Chair:** Bernadette Kun

**Session Chair:** Irit Hof-Nahor

**Location:** LT3

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<tbody>
<tr>
<td>Perseverative cognitive focus and difficulties in reflective functioning in work addiction: Findings from a nationally representative study</td>
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<tr>
<td>Bernadette Kun1, Zsolt Demetrovics1,2, Katalin Felvinczi1, Borbála Paksi3</td>
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<tr>
<td>1Institute of Psychology, ELTE Eötvös Loránd University, Hungary; 2Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; 3Institute of Education, ELTE Eötvös Loránd University, Hungary; <a href="mailto:kun.bernadette@ppk.elte.hu">kun.bernadette@ppk.elte.hu</a></td>
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<tr>
<td>Women and work addiction: work motivations</td>
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<tr>
<td>Zsuzsa Kaló1, Zsolt Demetrovics1,2, Bernadette Kun1</td>
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<tr>
<td>1ELTE EÖTVÖS LORÁND UNIVERSITY, Hungary; 2University of Gibraltar, Gibraltar; <a href="mailto:kalo.zsuzsa@ppk.elte.hu">kalo.zsuzsa@ppk.elte.hu</a></td>
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<tr>
<td>Teaching Addiction – Addiction with Benefits to the Individual &amp; the Society</td>
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<tr>
<td>Irit Hof-Nahor, Shai Shafir</td>
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<tr>
<td>Oranim Academic College of Education, Israel; <a href="mailto:irit.hu@oranim.ac.il">irit.hu@oranim.ac.il</a></td>
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Session 4F

Behavioral addictions in young people and adolescents

Time: Tuesday, 21/June/2022: 1:00pm - 2:30pm
Location: LT6

Session Chair: Nerea Etxaburu
Session Chair: Ana Estévez

Presentations

Behavioral addictions in young people and adolescents
Chair(s): Nerea Etxaburu (University of Deusto), Hibai López-González (Universitat de Barcelona), Laura Macia (University of Deusto), Ana Estévez (University of Deusto Spain), Marta Sancho (Addictive Behaviors Unit, Department of Psychiatry, Hospital de la Santa Creu i Sant Pau)

Compulsive buying, emotional dependence and attachment in adolescents
Nerea Etxaburu¹, Ana Estévez¹, Janire Momeñe¹, Leticia Olave², Macarena Chávez², Iciar Iruarrizaga³;
nerea.etxaburu@opendeusto.es
¹University of Deusto, ²University Complutense of Madrid, ³Universidad Técnica de Manabí

Adolescents watching sport, drinking alcohol, eating junk food, seeing betting ads, and gambling: The aggregate risk of in-play betting
Hibai López-González; hibailopez@ub.edu
Universitat de Barcelona

Problematic gambling in youth and adolescents
Ana Estévez, Paula Jauregui, Laura Macia; aestevez@deusto.es
University of Deusto

Addictive behaviours in adolescent women
Laura Macia, Paula Jauregui, Ana Estevez; lauramacia@deusto.es
University of Deusto

Attachment, trauma and behavioural addictions in a young clinical sample
Marta Sancho, Silvia Costa, Joana Bauzà, Santiago Duran-Sindreu, Joan Trujois; msanchona@santpau.cat
Addictive Behaviors Unit, Department of Psychiatry, Hospital de la Santa Creu i Sant Pau
Session 4G

Recovery from addictive behaviors

**Time:**
Tuesday, 21/June/2022:
1:00pm - 2:30pm

**Location:** LT9

**Session Chair:** Belle Gavriel-Fried

**Session Chair:** Shane Kraus

**Presentations**

**Recovery from addictive behaviors**
Chair(s): Belle Gavriel-Fried (Tel Aviv University, Israel), Shane Kraus (University of Las Vegas)

**Presentations of the Symposium**

What do we know about recovery from gaming disorder? A scoping review
Belle Gavriel-Fried¹, Meytal Serry¹, Dana Katz², Dorottya Hidvegi², Zsolt Demetrovics³, Orsolya Király³; orsolya.papay@gmail.com
¹Tel Aviv University, ²Elte University, ³University of Gibraltar

The Holistic Recovery Capital Scale
Belle Gavriel-Fried¹, Shane W. Kraus²; shane.kraus@unlv.edu
¹Tel Aviv University, ²University of Nevada, Las Vegas

Does mothering constitute a protective factor for recovery?
Belle Gavriel-Fried¹, Gemma Mestre-Bach², Roser Granero³, Fernando Fernández-Aranda⁴, Susana Jimenez-Murcia⁵; gemma.mestre@uab.cat
¹Tel Aviv University, ²Universidad Internacional de la Rioja, ³Departament de Psicobiologia i Metodologia de les Ciències de la Salut, Universitat Autònoma de Barcelona and CIBERobn Group-ISCI, Barcelona, ⁴Department of Psychiatry, University Hospital of Bellvitge-IDIBELL and CIBERobn Group-ISCI, Barcelona, ⁵Department of Psychiatry, University Hospital of Bellvitge-IDIBELL and CIBERobn Group-ISCI, Barcelona

Does gender matter in recovery from gambling disorder? – Perspectives of Recovered Gamblers
Belle Gavriel-Fried, Noa Vana; bellegav@tauex.tau.ac.il
Tel Aviv University
Session 5A

Women and Behavioural Addiction - New paths in research and treatment

Time: Tuesday, 21/June/2022: 3:00pm - 4:30pm

Location: LT2

Session Chair: Fulvia Prever
Session Chair: Ana Estévez

Presentations

Women and Behavioural Addiction - New paths in research and treatment

Chair(s): Fulvia Prever (Psychotherapist, Scientific Director of Women& Gambling Project SUN(N)COOP - Italy AISDICO (Italian Academy of Sciences of Behavioural Addictions); ALEA (Association for Gambling Studies and Risky Behaviour) President of Varenna Foundation (for youth me), Ana Isabel Estévez Gutierrez (Professor at Universidad de Deusto Bilbao ) Spain)

Presentations of the Symposium

Prevention for Female Users: Exploring Gender Issues of Online Addictions
Olaz Lopez-Fernandez1, Anne-Marie Hastrup Kristenses2, Daria J. Kuss3, daria.kuss@ntu.ac.uk
1Researcher as Psychologist at Fundación Jiménez Díaz University Hospital Health Research Institute, 2Assistant researcher Psychology, Københavns Universitet, 3Associate Professor in Psychology, Cyberpsychology Research Group Lead, Nottingham Trent University

Risk factors associated with gambling and gaming addiction in girls
Ana Estévez1, Paula Jauregui2, Laura Macia2, Cristina Martin2; aestevez@deusto.es
1Professor in University of Deusto- Spain; 2University of Deusto- Spain

Family Life Space in a pilot gender study: shadows and lights in female gambling experience
Maddalena Borsani1, Monica Minci2, Fulvia Prever2; fulvia.prever@gmail.com
1SUN(N)COOP; ALEA (Association for Gambling Studies and Risky Behaviour), 2SUN(N)COOP; ALEA (Association for Gambling Studies and Risky Behaviour) - Italy; Gambling Therapy - Gordon Moody - UK, 3SUN(N)COOP; Psychotherapist - NHS Addiction Clinic - Milan; ALEA (Association for Gambling Studies and Risky Behaviour); AISDICO (Italian Academy of Sciences of Behavioural Addictions); President of Varenna Foundation for youth mental health support

Women, Eating Disorders, Gambling Disorder and Food Addiction: Exploring their Relationship
Susana Jiménez-Murcia; sjimenez@bellvitgehospital.cat
Behavioral Addictions Unit, Department of Psychiatry, Bellvitge University Hospital-IDIBELL, University of Barcelona, CIBERobn, ISCIII (Barcelona, Spain)

Buying-shopping disorder – a female-specific mental health problem?
Astrid Müller; mueller.astrid@mh-hannover.de
Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Hanover, Germany

Identifying patterns of sexual functioning of women seeking treatment for compulsive sexual behavior
Ewelina Kowalewska1, Katarzyna Obarska2, Magdalena Telega2; fulvia.prever@gmail.com
1Centre of Postgraduate Medical Education, Warsaw, Poland, 2Polish Academy of Sciences, Warsaw, 3University of Finance and Management, Warsaw, Poland

The Female Gamer Concept: Insights from a Qualitative Exploration of Female Gamers from Different Countries
Daria J. Kuss1, A. Jess Williams2, Anne-Marie Hastrup Kristenses3, Olaz Lopez-Fernandez4; fulvia.prever@gmail.com
1Associate Professor in Psychology, Associate Course Leader MSc Cyberpsychology - Nottingham Trent University, 2Institute for Mental Health, University of Birmingham, 3Assistant researcher Psychology, Københavns Universitet, 4Researcher as Psychologist at Fundación Jiménez Díaz University Hospital Health Research Institute
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<td><strong>Session 5B</strong> Biological mechanisms underlying problematic pornography use and compulsive sexual behaviors</td>
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<tr>
<td><strong>Time:</strong> Tuesday, 21/June/2022: 3:00pm - 4:30pm</td>
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<td><strong>Location:</strong> LT4</td>
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<td><strong>Session Chair:</strong> Jussi Jokinen</td>
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<td><strong>Session Chair:</strong> Matthias Brand</td>
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<td><strong>Biological mechanisms underlying problematic pornography use and compulsive sexual behaviors</strong></td>
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<td><strong>Chair(s):</strong> Jussi Jokinen (Umeå University, Sweden), Marc Potenza (Yale University School of Medicine), Matthias Brand (University Duisburg-Essen)</td>
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<tr>
<td><strong>Hypermethylation-associated downregulation of microRNA-4456 in hypersexual disorder with putative influence on oxytocin signalling: A DNA methylation analysis of miRNA genes</strong></td>
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<tr>
<td><strong>Adrian Boström¹, Andreas Chatzittofis², John Flanagan³, Katarina Görts-Öberg⁴, Stefan Arver⁴, Helgi Schiöth⁵, Jussi Jokinen¹:</strong></td>
</tr>
<tr>
<td>¹Umeå University, ²Medical School, University of Cyprus, Nicosia, Cyprus, ³Karolinska Institutet, ⁴ANOVA, Andrology, Sexual Medicine and Transmedicine, Karolinska University Hospital, Stockholm, Sweden, ⁵Department of Neuroscience, Functional Pharmacology, Uppsala University, Uppsala, Sweden</td>
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<td><strong>High plasma oxytocin levels in men with hypersexual disorder</strong></td>
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<tr>
<td><strong>John Flanagan¹, Andreas Chatzittofis², John Flanagan³, Stefan Arver⁴, Jussi Jokinen²:</strong></td>
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<td>¹Karolinska Institutet, ²Medical School, University of Cyprus, Nicosia, Cyprus, ³Umeå University, ⁴ANOVA, Andrology, Sexual Medicine and Transmedicine, Karolinska University Hospital, Stockholm, Sweden</td>
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<tr>
<td><strong>The impact of negative mood on event-related potentials when viewing pornographic pictures</strong></td>
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<td><strong>Charlotte Markert, Rudolf Stark, Andreas M Baranowski, Sanja Klein, Constantin Werther, Simon Koch, Jana Strahler:</strong></td>
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<td><a href="mailto:Charlotte.markert@psychol.uni-giessen.de">Charlotte.markert@psychol.uni-giessen.de</a></td>
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<td>Justus-Liebig Universität Gießen</td>
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<tr>
<td><strong>Higher LH plasma levels but normal testosterone in men with hypersexual disorder</strong></td>
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<tr>
<td><strong>Andreas Chatzittofis¹, Katarina Görts-Öberg², John Flanagan³, Stefan Arver²:</strong></td>
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<td>¹Medical School, University of Cyprus, Nicosia, Cyprus, ²ANOVA, Andrology, Sexual Medicine and Transmedicine, Karolinska University Hospital, Stockholm, Sweden, ³Karolinska Institutet</td>
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**Session 5C**

Broadening our horizons: Exploring sports betting behaviors, gambling motives, barriers to care for help seeking, and cultural considerations for diverse populations

*Time:* Tuesday, 21/June/2022: 3:00pm - 4:30pm  
*Location:* LT5

**Session Chair:** Shane Kraus  
**Session Chair:** Joshua Briggs Grubbs

### Presentations

**Broadening Our Horizons: Exploring Sports Betting Behaviors, Gambling Motives, Barriers to Care for Help Seeking, and Cultural Considerations for Diverse Populations**

Chair(s): **Shane W Kraus** (University of Nevada, Las Vegas, United States of America), **Joshua B Grubbs** (Bowling Green State University)

**Sports Betting Around the World: A Systematic Review**  
**Repairer Etuk**, Tiange Xu, Brett Abarbanel, Marc Potenza, Shane W Kraus; etukr1@unlv.nevada.edu  
1University of Nevada, Las Vegas, 2Yale School of Medicine

**Why Get Help? Anticipated Reasons for Future Help-Seeking for Addictive Behavior in a U.S. Nationally Representative Sample of Adults**  
Jennifer Weinandy, Shane W Kraus, Joshua B Grubbs; JTGGrant@BGSU.edu  
1Bowling Green State University, 2University of Nevada, Las Vegas

**Problem Gambling in Women: A Systematic Review and Call for Research**  
A. Shanti James, Joshua B Grubbs; ASJAmes@BGSU.edu  
Bowling Green State University

**Means, Motives, and Opportunities: Examining interactions between gambling motives, socio-economic status, and gambling outcomes.**  
Christopher G Floyd, Shane W Kraus, Joshua B Grubbs; CFloyd@BGSU.edu  
1Bowling Green State University, 2University of Nevada, Las Vegas

**Sports Wagering in the U.S.: Results from a Recent Nationally Representative Sample**  
Joshua B Grubbs, Shane W Kraus; GrubbsJ@BGSU.edu  
1Bowling Green State University, 2University of Nevada, Las Vegas
## Session 5D

**Prevention and treatment of internet-related problems**

**Time:**
Tuesday, 21 June 2022
3:00pm - 4:30pm

**Location:** LT1

**Session Chair:** Margot Peeters

### Presentations

**Prevention and treatment of internet-related problems**

**Chair(s):** Alessio Vieno (University of Padua, Department of Developmental Psychology and Socialisation, Veneto, Italy), **Margot Peeters** (Utrecht University, Interdisciplinary Social Sciences: Youth Studies, Utrecht, the Netherlands)

### Presentations of the Symposium

**The Influence of parents and peers on adolescents’ problematic social media use revealed**

**Ina Koning, Merel Leijse, Regina van den Eijnden:** i.koning@uu.nl
Utrecht University, Interdisciplinary Social Sciences: Youth Studies, Utrecht, the Netherlands

**Rules, role models or overall climate at home? Relative associations of different family aspects with adolescents’ problematic social media use**

**Suzanne Geurts, Ina Koning, Helen Vossen, Regina van den Eijnden:** s.m.geurts@uu.nl
Utrecht University, Interdisciplinary Social Sciences: Youth Studies, Utrecht, the Netherlands

**How effective is the online intervention ‘Master your Smartphone’ in preventing problematic smartphone use among students?**

**Regina van den Eijnden**, Ying Chuck, Ina Koning:** R.J.J.M.vandenEijnden@uu.nl
Utrecht University, Interdisciplinary Social Sciences: Youth Studies, Utrecht, the Netherlands, Erasmus University, Rotterdam, the Netherlands

**Problematic gaming in young adolescence: The role of in-game rewards and individual vulnerabilities**

**Davide Pirrone, Regina van den Eijnden, Margot Peeters:** pirronedavide@gmail.com
Utrecht University, Interdisciplinary Social Sciences: Youth Studies, Utrecht, the Netherlands

**Problematic gamers in youth addiction treatment: Clinical characteristics, diagnosis and problem recognition**

**Renske Spijkerman**, Evelien van der Schee, Leontien Los, Vincent Hendriks:** renske.spijkerman@brijder.nl
Parnassia Addiction Research Centre (PARC), Parnassia Group Academy, Brijder Youth Addiction Care, the Hague, the Netherlands, Brijder Youth Addiction Care, i-psy PsyQ Brijder, Leiden, the Netherlands
Session 5E

Gaming, gambling and other addictive disorders

Time: Tuesday, 21 June/2022: 3:00pm - 4:30pm

Location: LT3

Session Chair: Vladan Starcevic
Session Chair: Stephanie Antons

Presentations

Frequencies and predictors of problematic online behaviours in an Australian sample
Vladan Starcevic1,2, David Berle3, Guy Eslick4, Kirupamani Viswasam5, Joël Billieux4
1University of Sydney, Sydney, Australia; 2Nepean Hospital, Penrith, Australia; 3University of Technology Sydney, Sydney, Australia; 4University of Lausanne, Lausanne, Switzerland; vladan.starcevic@sydney.edu.au

The Psychiatric Comorbidity of gaming disorder and Hazardous gaming based on ICD-11
Chih-Hung Ko1, Ju-Yu Yen2
1Kaohsiung Municipal Siaogang Hospital, Kaohsiung Medical University, Taiwan; 2Kaohsiung Municipal Ta-Tung Hospital, Kaohsiung Medical University; chihhungko@gmail.com

Common predictors of problematic gaming, social media, and pornography use
Dana Katz1, Mónika Koós1,2, Beáta Bőthe3, Zsolt Demetrovics4,5, Orsolya Király1
1Institute of Psychology, ELTE Eötvös Loránd University, Hungary; 2Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; 3Département de Psychologie, Université de Montréal, Montreal, Canada; 4Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; orsolya.papay@gmail.com

Problematic gaming is associated with frequent substance use: A survey among Italian young adults
Giovanni Martinotti1, Francesco Di Carlo1, Maria Chiara Alessi1, Antonella Sociali1, Arianna Ida Altomare1, Chiara Di Natale1, Gianfranco Stigliano1, Andrea Muli1, Aliseo Lalli1, Mauro Pettorruso1, Stefania Chiappini2, Herietta Bowden-Jones3, Mark D Griffiths4, Massimo di Giannantonio1
1University of Chieti-Pescara, Italy; 2University of Florence, Italy; 3University of Hertfordshire, UK; 4National Centre for Behavioural Addictions, UK; 5Nottingham Trent University, UK; francesco.dic@hotmail.it

Common networks predicting craving for cocaine use and gambling
Stephanie Antons1,2, Sarah W. Yip3,4, Cheryl M. Lacadie8, Javid Dadashkarimi6, Dustin Scheinost5, Matthias Brand3,4,7,8,9
1University of Duisburg-Essen, Germany; 2Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany; 3Department of Psychiatry, Yale University School of Medicine, New Haven, USA; 4Child Study Center, Yale University School of Medicine, New Haven, USA; 5Department of Radiology and Biomedical Imaging, Yale School of Medicine, New Haven, USA; 6Department of Computer Science, Yale University, New Haven, USA; 7Department of Neuroscience, Yale University School of Medicine, New Haven, USA; 8Connecticut Council on Problem Gambling, Wethersfield, USA; 9Connecticut Mental Health Center, New Haven, USA; stephanie.anton@uni-due.de
Session 5F

Psychology of gambling behavior

Time: Tuesday, 21/June/2022: 3:00pm - 4:30pm

Session Chair: Filipa Calado
Session Chair: Anna (Veronika) Karlsson

Presentations

How coping styles, cognitive distortions, and attachment predict problem gambling among adolescents and young adults?
Filipa Calado¹, Joana Alexandre², Mark D. Griffiths¹
¹Nottingham Trent University, United Kingdom; ²ISCTE, Lisbon University Institute, Portugal; filipa.dacostaricocalado@ntu.ac.uk

How Gambling Motives Are Associated with Socio-Demographics and Gambling Behavior - A Finnish Population Study
Heli Hagfors¹, Sari Castrén²,³,⁴, Anne Salonen²,⁵
¹Tampere University, Finland; ²Finnish Institute for Health and Welfare, Finland; ³University of Turku, Department of Psychology and Speech Language Pathology, Finland; ⁴University of Helsinki, Faculty of Medicine, Finland; ⁵University of Eastern Finland, Faculty of Health Sciences, Finland; heli.hagfors@tuni.fi

Motivation to gamble, boredom proneness and the severity of gambling problems as predictors of online gambling beginning during the COVID-19 pandemics among gamblers: results of a longitudinal study in Poland
Bernadeta Lelonek-Kuleta, Rafal Piotr Bartczuk
The John Paul II Catholic University of Lublin, Poland; bartczuk@kul.pl

Gambling among young people? How does religion and religiosity play a role?
Filipa Calado¹, Mike Vernon¹, Filip Nuyens¹, Joana Alexandre², Mark D. Griffiths¹
¹Nottingham Trent University, United Kingdom; ²ISCTE, Lisbon University Institute, Portugal; filipa.dacostaricocalado@ntu.ac.uk

Psychiatric Comorbidity and Economic Hardship as Risk Factors for Intentional Self-Harm in Gambling Disorder—A Nationwide Register Study
Anna Karlsson¹,², Olivia Hedén¹, Helena Hansson³, Jenny Sandgren³, Anders Håkansson¹,⁵
¹Department of Clinical Sciences Lund, Psychiatry, Faculty of Medicine, Lund University, Lund, Sweden.; ²Department of Pediatrics, Skåne University Hospital, Malmö, Sweden.; ³Faculty of Social Sciences, School of Social Work, Lund University, Lund, Sweden; ⁴Clinical Studies Sweden – Forum South, Skåne University Hospital, Lund, Sweden; ⁵Malmö Addiction Center, Region Skåne, Malmö, Sweden; anna.karlsson.5043@med.lu.se
## Session 5G

### Psychosocial factors in behavioral addictions

**Time:**
Tuesday, 21/June/2022: 3:00pm - 4:30pm

**Location:** LT9

**Session Chair:** Maayan Nagar
**Session Chair:** MARIA ANNA DONATI

### Presentations

#### Criminology and Gambling: a qualitative investigation of neutralization techniques

Mauro Croce¹, Raffaele Bianchetti², Fulvia Prever³

¹Psychologist & Criminologist, Contract Professor "Psychology of Deviance and Crime", Université de la Vallée d'Aoste; ²Jurist, Specialist in Clinical Criminology, Honorary Magistrate at the Judicial Offices of Milan; Co-editor of the DPU scientific journal "Criminal Law and Human Condition"; ³Psychologist, Scientific Director Gambling Project SUNNCOOP; President of Varennna Foundation Italy; fulvia.prever@gmail.com

#### #MeTooLittle: Social rejection affects addictive behaviors associated with mobile phone use

Maayan Nagar¹,², Jan Bennet Huebbe³, Max Gering², Aaron Brentwood², Michelle Barr-Meyer², Nili Block²

¹Ariel University, Israel; ²The Interdisciplinary Center (IDC) Herzliya; maayanna@gmail.com

#### Factors of Outlook Rejuvenation Addiction in Women

Tatiana Kryukova, Anna Osminina
Kostroma State University, Russian Federation; tat.krukova44@gmail.com

#### State boredom and behavioral addictions: Evidence of psychometric adequacy for the Short Form of the Multidimensional State Boredom Scale with young adults

MARIA ANNA DONATI¹, GIACOMO CIOCCA², LILYBETH FONTANESI³, EMMANUELE A. JANNINI⁴, CAROLA BECCARI⁵, CATERINA PRIMI⁶

¹NEUROFARBA DEPARTMENT, UNIVERSITY OF FLORENCE, Italy; ²Department of Dynamic and Clinical Psychology, and Health Studies, Sapienza, University of Rome, Italy; ³Department of Psychological, Health and Territorial Sciences, University G. D'Annunzio of Chieti-Pescara, Chieti, Italy; ⁴Department of Psychological, Health and Territorial Sciences, University G. D'Annunzio of Chieti-Pescara, Chieti, Italy; ⁵Department of Systems Medicine, University of Rome Tor Vergata, Rome, Italy; ⁶mariaanna.donati@unifi.it
Session 6A

Behavioral addictions - miscellaneous

Time: Tuesday, 21/June/2022: 5:00pm - 6:30pm

Location: LT2

Session Chair: Vladan Starcevic
Session Chair: Maèva Flayelle

Presentations

The psychopathology of compulsive online searches for health information and the relationship between cyberchondria and hypochondriasis
Vladan Starcevic1,2, Yasser Khazaal3
1University of Sydney, Sydney, Australia; 2Nepean Hospital, Penrith, Australia; 3University of Lausanne, Lausanne, Switzerland; vladan.starcevic@sydney.edu.au

Unravelling the Web of Addictions: A Network Analysis Approach
Vasileios Stavropoulos, Daniel Zarate
Victoria University, Melbourne, Australia; vasileios.stavropoulos@vu.edu.au

Identifying the psychological processes delineating non-problematic versus problematic binge-watching: A machine learning analytical approach
Maèva Flayelle1, Jon Elhai2, Pierre Maurage3, Claus Vögele4, Damien Brevers5, Baggio Stéphanie6, Billieux Joël7
1University of Lausanne, Switzerland; 2University of Toledo, United States; 3UCLouvain, Belgium; 4University of Luxembourg, Luxembourg; 5Geneva University Hospitals, Switzerland; maeva.flayelle@unil.ch

Development of Affective Buying Motives Scale and Subtyping of Compulsive Buyers based on Coping and Enhancement Motives
Sunghwan Yi1, Roisin O’Connor2
1University of Guelph, Canada; 2Concordia University, Canada; syi@uoguelph.ca

Food addiction and alcohol use in individuals with morbid obesity
Tobias A. Thomas1, Melanie Pommnitz1, Katja Tilk1, Günther Meyer2, Thomas P. Hüttl3, Martina de Zwaan4, Astrid Müller1
1Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Germany; 2Allgemein-, Viszeral- und Adipositaschirurgie, AMC-WolfartKlinik, Gräfeling, Germany; 3Viszeral- und minimalinvasive Chirurgie, Dr. Lubis Kliniken Bogenhausen, München, Germany; thomas.tobias@mh-hannover.de
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<td><strong>Psychological and neuroscientific findings related to problematic pornography use</strong></td>
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<tr>
<td><strong>Time:</strong> Tuesday, 21/June/2022: 5:00pm - 6:30pm</td>
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**Psychological and neuroscientific findings related to problematic pornography use**
Chair(s): Matthias Brand (University of Duisburg-Essen, Germany), Marc N. Potenza (Yale University School of Medicine, USA)

**Presentations of the Symposium**

- **The interaction of inhibitory control, stress and craving in pornography use disorder**
  - Kjell Büsche, Matthias Brand, Stephanie Antons; kjell.buesche@uni-due.de
  - University of Duisburg-Essen, Germany

- **Individual subjective reward value of visual sexual stimuli is coded in striatum and orbitofrontal cortex**
  - Sanja Klein¹, Onno Kruse¹, Charlotte Markert¹, Isabella Tapia León², Jana Strahler³, Rudolf Strak¹; sanja.klein@psychol.uni-giessen.de
  - Justus-Liebig-University Giessen, Germany, ²University of Siegen, Germany, ³University of Freiburg, Germany

- **Unleashed desire: diminished resting state functional connectivity in CSBD in the sex@brain study**
  - Jannis Engel, Christopher Sinke, Maria Veit, Jonas Kneer, Uwe Hartmann, Tillmann H. C. Kruger; Engel.jannis@mh-hannover.de
  - Hannover Medical School, Germany

- **Neurobiology of problematic pornography use: What we know, and what we do not know**
  - Matthias Brand¹, Marc N. Potenza²; matthias.brand@uni-due.de
  - ¹University of Duisburg-Essen, Germany, ²Yale University School of Medicine, USA
Session 6C

Gambling and gaming

Time: Tuesday, 21/June/2022: 5:00pm - 6:30pm

Location: LT5

Session Chair: Caterina Primi
Session Chair: Sari Castrén

Presentations

Examining the convergence between Gaming and Gambling through a network analysis framework
Laura Maldonado-Murciano1,2, Halley M. Pontes2, Georgina Guilera1,2
1Faculty of Psychology, University of Barcelona; 2Institute of Neurosciences, University of Barcelona;
Department of Organizational Psychology, Birkbeck, University of London; lmaldonado@ub.edu

Loot boxes, gaming, and gambling: A path model explaining the link between loot boxes and gambling in adolescents
Caterina Primi, Francesco Sanson, Maria Anna Donati
NEUROFARBA - University of Florence, Italy; caterina.primi@unifi.it

Individual differences in problematic videogaming, gambling and reward reactivity to loot box cues between loot box purchasers and loot box ‘earners’ in Overwatch
Chanel J. Larche1,3, Katrina Chini2,3, Mike J. Dixon3
1University of Gibraltar, Gibraltar (United Kingdom); 2University of Toronto (Canada); 3University of Waterloo (Canada);
chanel.larche@unigib.edu.gi

Money used in gaming is associated with problem gambling: Results of the ESPAD 2019 Finland
Sari Castrén1,2,3,4, Johanna Järvinen-Tassopoulos1,4, Kirsimarja Raitasalo1,4
1Finnish Institute for Health and Welfare, Finland; 2University of Helsinki, Department of Medicine, Helsinki, Finland;
3University of Turku, Social Sciences Department of Psychology and Speech-Language Pathology, Turku, Finland;
4University of Helsinki, Faculty of Social Sciences, Social and public policy, Helsinki, Finland.;
sari.castren@thl.fi

Basic Psychological Needs in Gambling and Gaming Problems
Ilkka Vuorinen, Iina Savolainen, Heli Hagfors, Atte Oksanen
Tampere University, Finland; ilkka.vuorinen@tuni.fi
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<td><strong>Problematic use of social media and smartphone in eastern and western contexts</strong></td>
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<tr>
<td>Modeling problematic use of social media in a western culture: an Italian study</td>
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<tr>
<td><strong>Tania Moretta</strong>¹, <strong>Giulia Buodo</strong>¹, <strong>Shubao Chen</strong>², <strong>Liu Tieqiao</strong>³, <strong>Marc N Potenza</strong>³; <a href="mailto:tania.moretta.1@unipd.it">tania.moretta.1@unipd.it</a></td>
</tr>
<tr>
<td>¹Department of General Psychology, University of Padova, Padova, Italy, ²Department of Psychiatry, The Second Xiangya Hospital, Central South University, Changsha, China, ³Department of Psychiatry, Yale School of Medicine, New Haven, CT, USA</td>
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<tr>
<td>Modeling problematic use of social media in an eastern culture: a Chinese study</td>
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<tr>
<td><strong>Shubao Chen</strong>¹, <strong>Yuzhu Hao</strong>¹, <strong>Liu Tieqiao</strong>³, <strong>Tania Moretta</strong>², <strong>Giulia Buodo</strong>², <strong>Marc N Potenza</strong>²; <a href="mailto:yisem@126.com">yisem@126.com</a></td>
</tr>
<tr>
<td>¹Department of Psychiatry, The Second Xiangya Hospital, Central South University, Changsha, China, ²Department of General Psychology, University of Padova, Padova, Italy, ³Department of Psychiatry, Yale School of Medicine, New Haven, CT, USA</td>
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<tr>
<td>A test of the pathway model of problematic smartphone use</td>
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<td><strong>Natale Canale</strong>¹, <strong>Tania Moretta</strong>², <strong>Luca Pancani</strong>², <strong>Giulia Buodo</strong>², <strong>Alessio Vieno</strong>³, <strong>Mario Dalmaso</strong>³, <strong>Joel Billieux</strong>⁴; <a href="mailto:natale.canale@unipd.it">natale.canale@unipd.it</a></td>
</tr>
<tr>
<td>¹Department of Developmental and Social Psychology, University of Padova, Padova, Italy, ²Department of General Psychology, University of Padova, Padova, Italy, ³Department of Psychology, University of Milano-Bicocca, Milan, Italy, ⁴Institute of Psychology, University of Lausanne, Lausanne, Switzerland</td>
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<tr>
<td>Stress factors associated with social network sites usages in adolescents with Internet addiction/smartphone addiction</td>
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<td><strong>Soo-Young Bhang</strong>¹, <strong>Ji-Young Seo</strong>⁴, <strong>Cheol-Soon Lee</strong>⁵, <strong>Young-Ji Lee</strong>⁵, <strong>Dongyun Lee</strong>⁵; <a href="mailto:bsy1@eulji.ac.kr">bsy1@eulji.ac.kr</a></td>
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<tr>
<td>¹Department of Psychiatry, Eulji University School of Medicine, Eulji University Hospital, Seoul, Republic of Korea; ²Department of Psychiatry, Gyeongsang National University Changwon Hospital, Changwon, Republic of Korea, ³Department of Psychiatry, Gyeongsang National University Changwon Hospital, Changwon, Korea</td>
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<tr>
<td>Meta-analysis on association between problematic internet or social media use and body image</td>
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<tr>
<td><strong>Beatrix Koronczai</strong>¹, <strong>Réka Kassaï</strong>¹, <strong>Zsolt Demetrovics</strong>¹, <strong>Zsófia Takacs</strong>¹; <a href="mailto:koronczai.beatrix@ppk.elte.hu">koronczai.beatrix@ppk.elte.hu</a></td>
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<tr>
<td>¹Institute of Psychology, ELTE Eötvös Loránd University, Hungary, ²Doctoral School of Psychology, ELTE Eötvös Loránd University, Hungary, ³School of Health in Social Sciences, University of Edinburgh</td>
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Session 6E

Gaming and the family

**Time:**
Tuesday, 21/June/2022:
5:00pm - 6:30pm

**Location:** LT3

**Session Chair:** Philip Nielsen
**Session Chair:** Camilla Kin Ming Lo

**Presentations**

**Parental and family risk and protective factors associated with problematic gaming in adolescents**

Philip Nielsen¹, Henk Rigter²
1 Department of Psychology, University of Geneva, Switzerland; 2 Department of Child and Adolescent Psychiatry, University of Leiden, the Netherlands; rigter.h@kpnmail.nl

**Loneliness, family harmony, and gaming disorder in gamers before and during the COVID-19 pandemic**

Dmitri Rozgonjuk¹,², Halley M Pontes³, Bruno Schivinski⁴, Christian Montag¹
1 Department of Molecular Psychology, Institute of Psychology and Education, Ulm University, Germany; 2 Institute of Mathematics and Statistics, University of Tartu, Tartu, Estonia; 3 Department of Organizational Psychology, Birkbeck, University of London, London, United Kingdom; 4 School of Media and Communication, RMIT University, Melbourne, Australia; dmroz@ut.ee

**Family involvement in treatment of adolescent Internet addiction**

Camilla Kin Ming Lo
The Hong Kong Polytechnic University, Hong Kong S.A.R. (China); camilla.lo@polyu.edu.hk

**Family therapy decreases Internet Gaming Disorder in adolescents**

Henk Rigter¹, Philip Nielsen²
1 Department of Child and Adolescent Psychiatry, University of Leiden, Netherlands, The; 2 Department of Psychology, University of Geneva, Switzerland; rigter.h@kpnmail.nl

**The current status of parenting practices affecting children and adolescents’ problematic media use**

Niko Männikkö¹,², Fam Jia Yuin³, Maria Kääriäinen⁴,⁵, Juhari Rumaya⁶
1 School of Health and Social Care, Oulu University of Applied Sciences; 2 Research Unit of Nursing Science and Health Management, University of Oulu; 3 Faculty of Behavioral Sciences, Education, and Languages, HELP University Subang 2; 4 Oulu University Hospital, Medical Research Center Oulu; 5 Faculty of Human Ecology, Universiti Putra Malaysia; niko.mannikko@oamk.fi
### Session 6F

**Social media use**

**Time:**
Tuesday, 21/June/2022: 5:00pm - 6:30pm

**Location:** LT6

**Session Chair:** Christian Montag
**Session Chair:** Cornelia Sindermann

#### Presentations

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<tr>
<td>The data business model behind social media platforms and its detrimental aspects</td>
<td>Christian Montag (Ulm University, Germany; <a href="mailto:christian.montag@uni-ulm.de">christian.montag@uni-ulm.de</a>)</td>
</tr>
</tbody>
</table>
| The design of social media platforms – Initial evidence on relations between personality, susceptibility to design element-driven increased social media use and problematic social media use | Cornelia Sindermann\(^1,2\), Christian Montag\(^1\), Jon D. Elhai\(^2\)\(^*\)
Ulm University, Ulm, Germany; University of Toledo, Toledo, OH, USA; cornelia.sindermann@uni-ulm.de |
| Why do women and men engage in problematic digital media usage? The mediating role of media multitasking | Agata Blachnio, Andrzej Cudo, Aneta Przepiörka (The John Paul II Catholic University of Lublin, Poland; gatta@kul.pl) |
| Screen time and COVID-19: Observations from among the college students in India | Yatan Pal Singh Balhara, Rachna Bhargava (AIIMS, India; ypsbalhara@gmail.com)                  |
| ‘Digital detox’: the effect of social media abstinence on usage, habits and wellbeing | Tim van Timmeren\(^1,2\), Suhaavi Kochhar\(^3\), Mariek vanden Abeele\(^3\), Sanne de Wit\(^1,2\)
University of Amsterdam, The Netherlands; Amsterdam Brain and Cognition, The Netherlands; Radboud University, Nijmegen, the Netherlands; Ghent University, Belgium; t.vantimmeren@uva.nl |
| Phubbing: features of addictive behavior of the russian youth | Aleksandr Maksimenko\(^1\), Olga Deyneka\(^2\)
National Research University Higher school of Economics, Russian Federation; Saint Petersbug University; Maximenko.Al@gmail.com |
# Session 6G

## Round table: Women and behavioral addiction - New paths in research and treatment

**Time:**
Tuesday, 21/June/2022:
5:00pm - 6:30pm

**Location:** LT9

**Session Chair:** Fulvia Prever
**Session Chair:** Ana Estévez

**Presentations**

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<tr>
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<th>Presenter(s)</th>
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<tr>
<td>Dealing with gender bias in treatment demands regarding Internet-related disorders</td>
<td>Sophia Achab (MD, PhD, lecturer PD; Responsible of Specialized facility in addictive behaviors, University Hospitals of Geneva, CH; Responsible of WHO Collaborating Center in Training and Research in Mental Health (Addiction), Faculty of medicine, University of Geneva, CH)</td>
</tr>
<tr>
<td>Online Gambling: comparison of women vs men</td>
<td>Anaïs Saillard, Marie Grall-Bronnec, Morgane Rousselet, Elsa Thiabaud, Juliette Leboucher, Julie Caillon, Gaëlle Challet-Bouju (CHU Nantes, Addictology and Psychiatry Department, Nantes, France; CHU Nantes, Addictology and Psychiatry Department, Nantes, France; Nantes University, Tours University, INSERM, SPHERE U1246 &quot;MethodS in Patients-centered outcomes and HEalth ResEarch&quot;, Nantes, France)</td>
</tr>
<tr>
<td>Measuring Female Gaming: Insights from an International Quantitative Exploration of Female Gamers</td>
<td>Olatz Lopez-Fernandez, Jess Williams, Daria J. Kuss (Researcher as Psychologist at Fundación Jiménez Díaz University Hospital Health Research Institute, Nottingham Trent University, Associate Professor in Psychology – Nottingham Trent University)</td>
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<tr>
<td>Emotional intelligence as a coping resource of co-dependent women</td>
<td>Svetlana Khazova, Tatiana Adeeva, Inna Tikhonova (Kostroma State University)</td>
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<tr>
<td>Factors of Outlook Rejuvenation Addiction in Women</td>
<td>Tatiana Kryukova, Anna Osminina (Kostroma State University, Russian Federation)</td>
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<td>Comparison of males and females in a sample of adult ADHD patients: clinical profile, comorbidity and behavioral addictions</td>
<td>Chiara Cecchelli, Anna Rapicavoli, Luisa Vignozzi (Braincenter- Firenze- Italy)</td>
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<td>Session 7A</td>
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<tr>
<td><strong>Context matters: Exploring relationships between compulsive sexual behavior and morality</strong></td>
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<td><strong>Time:</strong> Wednesday, 22/June/2022: 10:30am - 12:00pm</td>
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**Presentations**

**Context Matters: Exploring Relationships Between Compulsive Sexual Behavior and Morality**
Chair(s): Joshua B. Grubbs (Bowling Green State University, United States of America)

**Compulsive Sexual Behavior, Religiosity, and Spirituality: A Systematic Review**
Todd L. Jennings¹, Neil Gleason², Tayler Lyng³, Itor Finotelli Jr.⁴, Bailey M. Way⁵, Kaelyn R. Griffin⁶, Shane W. Kraus⁷, Jessica Habashy⁸, Repairer Etuk⁹, Michael Miner¹⁰, Eli Coleman¹¹; jennit3@unlv.nevada.edu
¹University of Nevada, Las Vegas, ²University of Washington, ³Minnesota State University, Mankato, ⁴Institute for Gender and Sexual Health, University of Minnesota

**Moral Disapproval of Pornography Among Women: A Qualitative Analysis in a Nationally Representative Sample**
K. Camille Hoagland, A. Shanti James, Joshua B. Grubbs; hoaglkc@bgsu.edu
Bowling Green State University

**Strange bedfellows: Religion, problematic pornography use, and purity culture Abstract**
Kaelyn R. Griffin, Bailey M. Way, Todd L. Jennings, Jessica Habashy, Repairer Etuk, Shane W. Kraus; kaelyn.griffin@unlv.edu
University of Nevada, Las Vegas

**Expanding the Moral Incongruence Model Beyond Problematic Pornography Use**
Neal Gleason¹, Todd Jennings², Sophia Taylor³, Itor Finotelli Jr.⁴, Michael H. Miner⁵, Eli Coleman³; ngleason@uw.edu
¹University of Washington, ²University of Nevada, Las Vegas, ³Institute for Gender and Sexual Health, University of Minnesota

**Predicting problematic pornography use: A large-scale machine learning study across 70+ cross-sectional and longitudinal samples**
Beáta Bőthe¹, Marie-Pier Vaillancourt-Morel², Sophie Bergeron³, Krisztián Ivaskevics⁴, Zsombor Hermann⁵, Shane Kraus⁶, Joshua B. Grubbs⁷; beata.bothe@umontreal.ca
¹Département de Psychologie, Université de Montréal, ²Université du Québec à Trois-Rivières, ³Doctoral School of Law Enforcement, Faculty of Law Enforcement, National University of Public Service, ⁴University of Nevada, Las Vegas, ⁵Bowling Green State University
Session 7B

**Understanding compulsive sexual behavior in women**

**Time:**
Wednesday, 22/June/2022: 10:30am - 12:00pm

**Location:** LT4

**Session Chair:** Ewelina Kowalewska

### Presentations

#### Understanding compulsive sexual behavior in women

Chair(s): Ewelina Kowalewska (Centre of Postgraduate Medical Education, Warsaw, Poland), Ateret Gewirtz-Meydan (University of Haifa, Israel)

#### Presentations of the Symposium

**Comparison of Compulsive Sexual Behavior (CSB) and Sexual Activity Between a Group of Women Seeking Treatment for CSB and Women from a Community Sample in Poland.**

Ewelina Kowalewska¹, Shane W. Kraus², Michał Lew-Starowicz², Mateusz Gola³; ewelina.kowalewska@cmkp.edu.pl

¹Centre of Postgraduate Medical Education, Warsaw, Poland; ²University of Nevada, Las Vegas, USA; ³Polish Academy of Sciences, Warsaw, Poland; University of California, Sand Diego, USA

**Attachment Insecurities and Body Image Self-Consciousness among Women: The Mediating Role of Pornography Use**

Ateret Gewirtz-Meydan¹, Kimberly J. Mitchell², Zohar Spivak-Lavi³, Shane W. Kraus⁴; ateret.meydan@gmail.com

¹University of Haifa, Israel; ²University of New Hampshire, USA; ³Max Stem Yezreel Valley College, Emek Yezreel, Israel; ⁴University of Nevada, Las Vegas, USA

**Compulsive sexual behavior disorder and risky sexual behavior among young women with substance use disorder**

Yaniv Efrati¹, Keren Goldman², Katya Levin³, Paula Rosca⁴; ypefrati@gmail.com

¹Bar Ilan University, Faculty of Education, Israel; ²Department for the Treatment of Substance Abuse, Mental Health Services, Israeli Ministry of Health, Israel; ³Department for the Treatment of Substance Abuse, Mental Health Services, Israeli Ministry of Health, Israel; ⁴Rotem center, The Israeli center for sex therapy, Israel; ⁵Department for the Treatment of Substance Abuse, Mental Health Services, Israeli Ministry of Health, Israel; Hebrew University, Jerusalem, Israel

**Left Out: Examining Compulsive Sexual Behavior and Problematic Pornography Use in Women College Students**

Bailey M. Way, Todd L. Jennings, Kaelyn Griffin, Jessica Habashy, Shane W. Kraus; bailey.way@unlv.edu

University of Nevada, Las Vegas

**Double Trouble? Examining the Overlap between Problematic Pornography Use and Disordered Eating Symptoms in College Women**

Jessica Habashy, Bailey M. Way, Repairer Etuk, Todd L. Jennings, Kaelyn Griffin, Shane W. Kraus; habashy@unlv.nevada.edu

University of Nevada, Las Vegas
# Session 7C

**Profiling gaming disorder: Cross-addictive comorbidities, identification, prevention and treatment**

**Time:**
Wednesday, 22/June/2022: 10:30am - 12:00pm

**Location:** LT5

**Session Chair:** Katajun Lindenberg

## Presentations

### Profiling Gaming Disorder: Cross-addictive Comorbidities, Identification, Prevention and Treatment

**Chair(s):** Michelle Colder Carras (Johns Hopkins Bloomberg School of Public Health, Baltimore, United States), Vasileios Stavropoulos (Victoria University, Australia)

### Presentations of the Symposium

1. **Effectiveness of Cognitive Behavioral Therapy to Prevent Gaming Disorder and Unspecified Internet use Disorder in Adolescents: A Cluster Randomized Clinical Trial**
   - Katajun Lindenberg¹, Sophie Kindt¹, Carolin Szász-Janocha²; lindenberg@psych.uni-frankfurt.de
   - Institute for Psychology, Goethe-University Frankfurt, Germany, ²Institute for Psychology, Heidelberg University, Germany

2. **Impact of COVID-19 on Helpline Calls for Activities Related to Technology Overuse in Ontario, Canada**
   - Jing Shi¹, Daniel Zarate², Michelle Colder Carras³, Vasileios Stavropoulos⁴, Nigel Turner⁵; jing.shi@singaporetech.edu.sg
   - Singapore Institute of Technology, ²Victoria University, Melbourne, Australia, ³Johns Hopkins Bloomberg School of Public Health, Baltimore, United States, ⁴Victoria University, Australia, ⁵Centre for Addiction and Mental Health, Toronto, Canada

3. **Utilizing A Brain Inspired Spiking Neural Network to better predict and identify Gaming Disorder using EEG Data.**
   - Tyrone L. Burleigh¹, Mark D. Griffiths¹, Alex Sumich², Zohreh Doborjeh³, Daria J. Kuss¹; tyrone.l.burleigh@gmail.com
   - International Gaming Research Unit, Nottingham Trent University, United Kingdom, ²Department of Psychology, Nottingham Trent University, United Kingdom, ³Faculty of Medical and Health Science, School of Population Health, The University of Auckland

4. **Factor Structure of Ten Psychoactive Substance Addictions and Behavioral Addictions**
   - Vasileios Stavropoulos¹, Rapson Gomez², Taylor Brown¹, Mark D. Griffiths³; vasileios.stavropoulos@vu.edu.au
   - Victoria University, Australia, ²Federation University, Ballarat, Australia, ³International Gaming Research Unit, Nottingham Trent University, United Kingdom

5. **Cross-Addiction Risk Typologies and Their Connection with COVID-19 Anxiety: A Latent Class Profiling Approach**
   - Michelle Colder Carras¹, Brendan Dowd², Lee Dymand-Kannis², Vasileios Stavropoulos²; mcarras@jhu.edu
   - Johns Hopkins Bloomberg School of Public Health, Baltimore, United States, ²Victoria University, Melbourne, Australia, ³University of the Sunshine Coast, Queensland, Australia
Session 7D
Assessment of problematic internet and social media use

Time:  
Wednesday, 22/June/2022: 10:30am - 12:00pm  
Location: LT1

Session Chair: Samantha Schlossarek  
Session Chair: Janelle Kolas

Presentations

Psychometric properties of screening instruments for social networks use disorder: A systematic review  
Samantha Schlossarek¹, Hannah Schmidt¹,², Anja Bischof¹, Gallus Bischof¹, Dominique Brandt¹, Stefan Borgwardt¹, Dillon T. Browne³, Dimitri Christakis⁴, Pamela Hurst-Della Pietra⁴, Zsolt Demetrovics⁵,⁶,⁷, Hans-Jürgen Rumpf⁸  
¹Department of Psychiatry and Psychotherapy, University of Lübeck, Lübeck, Germany; ²Department of Pediatric and Adolescent Medicine, University of Lübeck Lübeck, Germany; ³Psychology, University of Waterloo, Waterloo, Ontario, Canada; ⁴School of Medicine, University of Washington, Seattle, Washington, USA; ⁵Renaissance School of Medicine, Stony Brook University, Stony Brook, New York, USA; ⁶Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar, Gibraltar; ⁷Institute of Psychology, Eötvös Loránd University, Budapest, Hungary; ⁸samantha.schlossarek@uksh.de

New assessment of problematic use of social networks  
Covadonga González-Nuevo¹, Marcelino Cuesta¹, José Muñiz³, Eduardo García-Cueto¹, Álvaro Postigo¹, Jaime García-Fernández¹, Álvaro Menéndez-Aller¹, Daria Kuss²  
¹University of Oviedo, Spain; ²University of Nebrija, Spain; ³Nottingham Trent University, Spain; covadongagonz@gmail.com

Psychometric evaluation of the Instagram Motives Questionnaire (IMQ) and the Instagram Usage Patterns Questionnaire across three languages  
Silvana Melissa Romero Saletti¹, Stephan Van den Broucke¹, José Manuel Rivera Espejo²  
¹UCLouvain, Belgium; ²Universiteit Antwerpen, Belgium; silvana.romero@uclouvain.be

A Comparative, Corpus-Driven Analysis of Problematic Social Networking Use  
Janelle Kolas  
University of Warwick, United Kingdom; janelle.kolas@warwick.ac.uk

DEBA-Internet: A new screening test for Internet Addiction  
Nadine Blanchette-Martin¹, Joël Tremblay², Magali Dufour², Francine Ferland¹, Mathieu Goyette², Stéphane Turcotte³, Yasser Khazaali⁴, Nathacha Brunelle⁴, Sylvie R. Gagnon⁴, Claudelle Stéphanie Tétrault-Beaudoin⁴, Rosalie Genois⁵, Andrée-Anne Légaré⁶  
¹CIUSSSCN/CISSSCA, Canada; ²UQTR; ³UQAM; ⁴CIUSSSCA; ⁵CHUV; ⁶CISSSLAN; ⁷Université de Sherbrooke; nadine.blanchette-martin@sssss.gouv.qc.ca
## Session 7E

### Online gambling

**Time:**

Wednesday, 22/June/2022:
10:30am - 12:00pm  

**Location:** LT3

**Session Chair:** Philip Newall  
**Session Chair:** Tobias Hayer

### Presentations

#### Development and validation of a prediction model for online gambling problems based on players’ account data

Bastien Perrot\(^1\,^2\), Jean-Benoit Hardouin\(^1\,^2\), Elsa Thiabaud\(^2\), Anais Saillard\(^2\), Marie Grall-Bronnec\(^1\,^2\), Gaëlle Challet-Bouju\(^1\,^2\)

\(^1\)University of Nantes, France; \(^2\)CHU Nantes, France; bastien.perrot@univ-nantes.fr

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#### Effects of player protection measures in online gambling: A systematic review

Tobias Hayer\(^1\), Jens Kalke\(^2\)

\(^1\)University of Bremen, Germany; \(^2\)Centre of Interdisciplinary Addiction Research, University of Hamburg; tobha@uni-bremen.de

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#### Elite professional online poker players: Factors predicting success in a gambling game usually associated with financial loss and harm

Philip Newall

CQUniversity, United Kingdom; pnewall561@gmail.com

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#### Impact of wagering inducements on the gambling behaviors of on-line gamblers: A longitudinal study based on gambling tracking data

Marianne Balem\(^1\), Bastien Perrot\(^1\,^2\), Jean-Benoit Hardouin\(^1\,^2\), Elsa Thiabaud\(^2\), Anais Saillard\(^2\), Marie Grall-Bronnec\(^1\,^2\), Gaëlle Challet-Bouju\(^1\,^2\)

\(^1\)UMR 1246 SPHERE (MethodS in Patients centered outcomes and HEalth ResEarch), Nantes University, Tours University, INSERM, Nantes, France; \(^2\)Biostatistics and Methodology Unit, Department of Clinical Research and Innovation, CHU Nantes, Nantes, France; marianne.balem@chu-nantes.fr
### Session 7F

**The trajectory of cyber addictions: Current postulations and new avenues of interest in the behavioral addiction framework**

**Time:**
Wednesday, 22/June/2022: 10:30am - 12:00pm

**Location:** LT6

**Session Chair:** John B Saunders

**Session Chair:** Kristiana Siste

### Presentations

**The Trajectory of Cyber Addictions: Current Postulations and New Avenues of Interest in the Behavioral Addiction Framework**

Chair(s): **Kristiana Siste** (Cipto Mangunkusumo General Hospital - faculty of medicine Universitas Indonesia, Indonesia), **John B. Saunders** (National Centre for Youth Substance Use Research, The University of Queensland, Brisbane, QLD 4072, Australia.), **Hironobu Fujiwara** (Department of Neuropsychiatry, Graduate School of Medicine, Kyoto University, 54 Shogoin-Kawaharacho, Sakyo-Ku, Kyoto, 606-8507, Japan.), **Joël Billieux** (Institute of Psychology, University of Lausanne, Switzerland)

Presentations of the Symposium

**Guidelines for Disorders due to Addictive Behaviours in ICD-11**

**John B. Saunders:** mail@jbsaunders.net
National Centre for Youth Substance Use Research, The University of Queensland, Brisbane, QLD 4072, Australia.

**Problematic use of internet and mental health among medical residents in Japan**

**Hironobu Fujiwara:** hirofuji@kuhp.kyoto-u.ac.jp
Department of Neuropsychiatry, Graduate School of Medicine, Kyoto University, 54 Shogoin-Kawaharacho, Sakyo-Ku, Kyoto, 606-8507, Japan.

**The Effectivity of Cognitive Behavioral Therapy on Gaming Disorder Patients in An Outpatient Setting: Experience of a Developing Country**

**Kristiana Siste:** ksiste@yahoo.com
Dr. Cipto Mangunkusumo General Hospital - Faculty of Medicine Universitas Indonesia, Indonesia
### Session 7G

**Coping strategies during the COVID-19 lockdown: A multicultural study on self-related risks**

*Time:* Wednesday, 22/June/2022: 10:30am - 12:00pm

*Location:* LT9

*Session Chair:* Artemisa R Dores

#### Presentations

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<td><strong>Coping Strategies during the COVID-19 lockdown: A Multicultural Study on Self-Related Risks</strong></td>
<td>Artemisa R Dores¹, Irene P Carvalho², Julius Burkaukas³, Fernando Barbosa⁴, Ornella Corazza⁵; <a href="mailto:artemisa@ess.ipp.pt">artemisa@ess.ipp.pt</a></td>
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<tr>
<td><strong>The role of anxiety about appearance on the practice of physical exercise and use of image- and performance-enhancing drugs (IPEDs) during the COVID-19 lockdown: A Multicultural Study</strong></td>
<td>Artemisa R Dores¹</td>
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<td><strong>Excessive exercise and IPED use among sport disciplines</strong></td>
<td>Mami Shibata¹, Hironobu Fujiwara²; <a href="mailto:mami_sh@kuhp.kyoto-u.ac.jp">mami_sh@kuhp.kyoto-u.ac.jp</a></td>
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<tr>
<td><strong>Fitspiration on social media: Body-image and other psychopathological risks among young adults</strong></td>
<td>Illaria Cataldo³, Ilaria De Luca³, Valentina Giorgetti³, Dorotea Cicconcelli³, Francesco Saverio Bersani³, Claudio Imperatori³, Samira Abdi³, Attilio Negri³, Gianluca Esposito³, Ornella Corazza³; <a href="mailto:illaria.cataldo@unitn.it">illaria.cataldo@unitn.it</a></td>
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<tr>
<td><strong>Problematic internet use during COVID-19 pandemic</strong></td>
<td>Julius Burkaukas¹, Artemisa R Dores², Irene P Carvalho², Ornella Corazza⁴; <a href="mailto:julius.burkauskas@isbnu.it">julius.burkauskas@isbnu.it</a></td>
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¹Department of Neuropsychiatry, Graduate School of Medicine, University of Kyoto, Kyoto, Japan, ²Artificial Intelligence Ethics and Society Team, RIKEN Center for Advanced Intelligence Project, Saitama, Japan, ³Department of Psychology and Cognitive Science, University of Trento, Italy; Psychology Program, School of Social Sciences, Nanyang Technological University, Singapore, Singapore; Lee Kong Chian School of Medicine, Nanyang Technological Univ, Singapore, ⁴Department of Psychology and Cognitive Science, University of Trento, Italy; Department of Clinical and Pharmaceutical Sciences, University of Hertfordshire, Hatfield, Hertfordshire, UK
## Session 8A

### Issues in internet addiction

**Time:**
Wednesday, 22/June/2022: 1:00pm - 2:30pm

**Location:** LT2

**Session Chair:** Annika Brandtner
**Session Chair:** Lasse David Schmidt

### Presentations

#### In its own dilemma: The adverse functioning of desire thinking among specific online activities

Annika Brandtner¹, Matthias Brand¹,²
¹University of Duisburg-Essen, Germany; ²Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany; [annika.brandtner@uni-duess.de](mailto:annika.brandtner@uni-duess.de)

#### Emotional Face Expression Recognition in Internet Use Disorder: task-based fMRI study

Ákos Arató¹, Anna Szente¹, Szilvia Anett Nagy¹,²,³,⁴, Gábor Perlaki¹,²,³, Gergely Orsi¹,²,³, Eszter Áfra¹, Tamás Dóczi¹,²,³, Gergely Darnai¹,²,³, József Janszky¹,²
¹University of Pécs, Hungary; ²MTA-PTE Clinical Neuroscience MR Research Group, Pécs, Hungary; ³Pécs Diagnostic Centre, Pécs, Hungary; ⁴Department of Neurosurgery, University of Pécs, Medical School, Pécs, Hungary; ⁵Neurobiology of Stress Research Group, Szentágatóthai Research Centre, University of Pécs, Pécs, Hungary; ⁶Department of Laboratory Medicine, Medical School, University of Pécs, Pécs, Hungary; ⁷Department of Behavioural Sciences, University of Pécs, Medical School, Pécs, Hungary; [arato.akos@pte.hu](mailto:arato.akos@pte.hu)

#### Personality traits in association with problematic internet use

Lasse David Schmidt, Nora Nieke, Dominique Brandt, Anja Bischof, Gallus Bischof, Anika Trachte, Svenja Orlowski, Bettina Besser, Hans-Jürgen Rumpf
University of Lübeck, Germany; [lassedavid.schmidt@uksh.de](mailto:lassedavid.schmidt@uksh.de)

#### Exploring the role of interoceptive awareness and alexithymia in problematic usage of the internet

Francesco Di Carlo¹, Maria Chiara Vicinelli¹, Giacomo D’Andrea¹, Debora Luciani¹, Luisa De Risio², Mauro Pettorruolo³, Giovanni Martinotti¹, Massimo di Giannantonio¹
¹University of Chieti-Pescara, Italy; ²Catholic University of the Sacred Heart, Rome, Italy; [francesco.dic@hotmail.it](mailto:francesco.dic@hotmail.it)
Session 8B

Sexuality related addictive behaviours
Time: Wednesday, 22/June/2022: 1:00pm - 2:30pm
Location: LT4

Session Chair: Mark Griffiths
Session Chair: Farah Ben Brahim

Presentations

The use of online methodologies in studying rare paraphilias: The cases of dacryphilia, eproctophilia and salirophilia
Mark Griffiths
Nottingham Trent University, United Kingdom; mark.griffiths@ntu.ac.uk

Female cybersex users: what characteristics of sexual motivations and personality traits?
Farah BEN BRAHIM1,2, Robert COURTOIS1, Yasser KHAZAAL2
1University of Tours, France; 2University of Lausanne, Switzerland; farah-ben-brahim@outlook.fr

Validation of family functioning scales in sexually compulsive patients in Brazil
MARCO DE TUBINO SCANAVINO, Lucas Yongsoo Park
USP Universidade de São Paulo, Brazil; scanavino@gmail.com

Love addiction, sex addiction and perceived social support: a research on a group of love addicts
Lorenzo Borrello2, Paolo Antonelli1,2, Gioele Salvatori1, Davide Dettore2
1Integrated Center of Clinical Sexology “Il Ponte”, Florence, Italy; 2University of Florence, School of Psychology, Florence, Italy; giovanni.borrello@stud.unifi.it

Emotional dysregulation and attachment styles: an empirical research on a group of love addicts.
Alice Salani1, Paolo Antonelli1,2, Gioele Salvatori1, Maria Chiara Gritti1, Rossano Bisciglia1, Francesca Mascherini1, Davide Dettore2
1Integrated Center of Clinical Sexology “Il Ponte”, Italy; 2University of Florence, Department of Health Sciences, Florence, Italy; gioele.salvatori@gmail.com
Session 8C

The relevance of game transfer phenomena in the context of gaming disorder

**Time:**

Wednesday, 22/June/2022: 1:00pm - 2:30pm

**Location:** LT5

**Session Chair:** Angelica Beatriz Ortiz de Gortari

### Presentations

**The Relevance of Game Transfer Phenomena in the context of Gaming Disorder**

**Chair(s):** Angelica B. Ortiz de Gortari (University of Bergen; University of Liège)

**Predictors of Gaming Disorder and Game Transfer Phenomena: Psychopathological factors and gaming habits**

*Angelica Beatriz Ortiz de Gortari; Angelica.ortizdegortari@uib.no*

University of Bergen; University of Liège

**Positive schizotypy and internet gaming addiction as predictors of Game Transfer Phenomena in daily life: A diary study**

*Julio César Llamas Alonso¹, Lia Kvavalashivili¹, George Georgiou¹, Angelica Beatriz Ortiz de Gortari²; j.llamas-alonso@herts.ac.uk*

¹University of Hertfordshire, ²University of Bergen; University of Liège

**Relationship between self-control dimensions, emotional regulation and problematic gaming: the mediating role of the Game Transfer Phenomena**

*Andrzej Cudo¹, Natalia Kopiś-Posiej², Kateryna Shchehelska³; andrew.cudo@gmail.com*

¹The John Paul II Catholic University of Lublin, ²The John Paul II Catholic University of Lublin, Poland; Medical University of Lublin, ³The John Paul II Catholic University of Lublin, Poland

**Game Transfer Phenomena as a mediator between motives for gaming, game features and problematic videogame playing**

*Emilia Zabielska-Mendyk, Andrzej Cudo; ezabiela@gmail.com*

The John Paul II Catholic University of Lublin

**Proposed Methodology for Assessing Game Transfer Phenomena in Clinical Contexts**

*Angelica Beatriz Ortiz de Gortari¹, Alex Basche²; Alexbaschetherapy@gmail.com*

¹University of Bergen; University of Liège, ²Private practice, Reset From Tech
Session 8D

**Pornography use**

**Time:**

**Wednesday, 22/June/2022:**

1:00pm - 2:30pm

**Location:** LT1

**Session Chair:** Josip Razum

**Session Chair:** Andreas Oelker

**Presentations**

**Problematic cyberpornography use in men and women: the role of desire thinking and craving**

Claudia Marino¹,², Fiordalisa Melodia¹, Erika Pivetta¹, Gabriele Caselli³, Giovanni Mansueto³, Natale Canale³, Alessio Vieno³, Francesca Conti³, Marcantonio Spada³

¹Department of Developmental and Social Psychology, University of Padova, Padova, Italy; ²Division of Psychology, School of Applied Sciences, London South Bank University, London, UK; ³Department of Psychology, Sigmund Freud University, Milan, Italy; claudia.marino@unipd.it

**The role of functional impairment in determining problematic pornography use: a latent profile analysis**

Josip Razum¹, Natalija Ignjatović², Renata Glavak Tkalić¹

¹Ivo Pilar Institute of Social Sciences, Croatia; ²Faculty of Philosophy, University of Belgrade; josip.razum@pilar.hr

**Theory driven machine learning models for predicting symptoms of problematic pornography use and related psychological processes**

Andreas Oelker¹, Silke M. Müller¹,², Matthias Brand¹,², Stephanie Antons¹,²

¹Department of General Psychology: Cognition & Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg, Germany; ²Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany; andreas.oelker@uni-due.de

**Treating Sex Addiction in the Ultra-Orthodox religious Jewish community in Israel by strengthening intimate partner intimacy and trust**

Zeev Crombie, Sharon Rabinovitz

Haifa Univerity, Israel; zeev@crombie.com

**Approach tendencies towards erotic stimuli among heterosexual male and female young adults**

Skyler Sklenarik¹, Marc Potenza², Mateusz Gola³, Robert Astur³

¹University of Connecticut, United States of America; ²Yale School of Medicine, United States of America; ³University of Quebec at Outaouais, Canada; skylersklenarik@uconn.edu
# Session 8E

## Social media use and well-being

**Time:**
**Wednesday, 22/June/2022:**
1:00pm - 2:30pm

**Location:** LT3

### Session Chair: Krista Maria Selina Hylkilä

### Session Chair: Johan Hellemans

### Presentations

**Dating apps’ use intensity and wellbeing: The mediating role of smartphone addiction and social media addiction in a cross-cultural sample**

Gabriel Bonilla Zorita, Mark D. Griffiths, Daria J. Kuss  
Nottingham Trent University, United Kingdom; gabriel.bonillazorita2018@my.ntu.ac.uk

**Association between psychosocial well-being and problematic social networking sites use among Finnish young adults: a cross-sectional study**

Krista Maria Selina Hylkilä¹, Niko Männikkö¹,², Sari Castren³, Terhi Mustonen⁴, Jenni Konttila¹, Merja Männistö³, Maria Kääriäinen¹,²,⁵,⁶  
¹University of Oulu, Finland; ²Oulu university of applied sciences; ³Finnish Institute for Health and Welfare; ⁴Sosped Foundation; ⁵Oulu University Hospital; ⁶Medical Research Center; krista.hylkila@oulu.fi

**Investigating the impact of Facebook activity, Time Spent on Facebook, Facebook addiction, and Emotional value on Life satisfaction**

Johan Hellemans, Kim Willems, Malaika Brengman  
Vrije universiteit Brussel, Belgium; johan.hellemans@vub.be

**Instagram, Facebook and LINE, which one is highly related to Internet addiction?**

Kunhua Lee  
National Tsing Hua University, Taiwan; kunhualee@mx.nthu.edu.tw

**Less Facebook – More well-being and a healthier lifestyle? An experimental longitudinal study**

Julia Brailovskaja, Fabienne Ströse, Holger Schillack, Jürgen Margraf  
Ruhr-Universität Bochum, Germany; julia.brailovskaja@rub.de
Session 8F

Treatment issues in gambling

Time: Wednesday, 22/June/2022: 1:00pm - 2:30pm
Location: LT6

Session Chair: Sari Castrén
Session Chair: Johanna Katharina Loy

Presentations

Gambling disorder under dopaminergic medication – A Swedish register study
Mirjam Wolfschlag1,2, Anders Håkansson1,2
1Department of Clinical Sciences, Psychiatry, Faculty of Medicine, Lund University, Sweden; 2Malmö Addiction Center, Clinical Research Unit, Malmö, Sweden; mirjam_katharina.wolfschlag@med.lu.se

Understanding the Phenomenology of Gambling in the United Kingdom: A Qualitative Study on the Experiences of Gamblers’ Families
Ferid Azemi1, Merita Avdyli2
1Boston University & Kosovo Academy for Public Safety; 2Successful Mothers CIO; feridazemi@gmail.com

Treatment for the concerned significant others of problem gamblers: A systematic review
Sari Castrén1,2,3, Edgren Robert1, Susanna Raisamo1, Pia Pörtfors1
1Finnish Institute for Health and Welfare, Finland; 2University of Helsinki, Department of Medicine, Helsinki, Finland; 3University of Turku, Social Sciences Department of Psychology and Speech-Language Pathology, Turku, Finland; sari.castrén@thl.fi

The effects of forced breaks on online gambling behaviour: Results from The Timeout Effects on Spending, Stress and Arousal Project (TESSA)
Johanna Katharina Loy1, Larissa Schwarzkopf1, Andreas Bickl1, Ludwig Kraus1,2,3
1IFT INSTITUT FÜR THERAPIEFORSCHUNG, MÜNCHEN; 2INSTITUTE OF PSYCHOLOGY, ELTE, EÖTVÖS-LORÁND-UNIVERSITÁT, 1053 BUDAPEST, HUNGARY; 3DEPARTMENT OF PUBLIC HEALTH SCIENCES, STOCKHOLM UNIVERSITY, SE-106 91 STOCKHOLM, SWEDEN; loy@ift.de
Session 8G

Hidden pandemic: Handling behavioral addiction during COVID 19 chaos in low middle income country

Time: Wednesday, 22/June/2022: 1:00pm - 2:30pm
Location: LT9

Session Chair: Kristiana Siste

Presentations

Hidden Pandemic: Handling Behavioral Addiction During COVID 19 Chaos in Low Middle Income Country
Chair(s): Kristiana Siste (Cipto Mangunkusumo General Hospital - faculty of medicine Universitas Indonesia, Indonesia)

Gambling Problems during The Covid-19 Pandemic: The Potential Problems among Youth
Yenny Sinambela; yesinambela@yahoo.com
Cipto Mangunkusumo General Hospital - faculty of medicine Universitas Indonesia, Indonesia

Characteristics of Gamers Population Among Youth in Indonesia: the High Sensitivity Symptom Using Latent Class Analysis
Kristiana Siste; ksiste@yahoo.com
Cipto Mangunkusumo General Hospital - faculty of medicine Universitas Indonesia, Indonesia

Benefits and Threats of Online Group DBT Skill Training for Behavioral Addictions
Enjeline Hanafi; enjelinehanafi@gmail.com
Cipto Mangunkusumo General Hospital - faculty of medicine Universitas Indonesia, Indonesia
DETAILED PROGRAM OF THE PARALLEL SESSIONS
## Mini-talks 1A

### Behavioral addictions - Miscellaneous

**Time:** Tuesday, 21 June 2022, 8:30am - 9:00am

**Location:** LT2

**Session Chair:** Astrid Müller

### Presentations

#### An individual difference model of problematic buying: Testing the role of automatic processes

Roisin M O’Connor¹, Mayesha Khan¹, Charlotte Corran¹, Sunghwan Yi²

¹Concordia University, Canada; ²University of Guelph, Canada; roisin.oconnor@concordia.ca

#### Treatment outcome of an Outpatient Cognitive Behavioral Group Therapy on Buying-Shopping-Disorder: a pilot study

Nicolas K. Erdal¹, Nora M. Laskowski¹², Tobias A. Thomas¹, Martina de Zwaan¹, Astrid Müller¹

¹Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Hannover, Germany; ²Department of Clinical Psychology, Psychotherapy and Diagnostics, Institute of Psychology, Technische Universität Braunschweig, Braunschweig, Germany; erdal.nicolas@mh-hannover.de

#### Tanning dependence - a case report

Octavian Vasiliu

Dr. Carol Davila University Emergency Central Military Hospital, Romania; octavvasiliu@yahoo.com

#### A review of current data about physical exercise addiction

Octavian Vasiliu

Dr. Carol Davila University Emergency Central Military Hospital, Romania; octavvasiliu@yahoo.com

#### Are experiences of flow during gaming on smartphone associated with pathological profiles?

Guyonne Rogier¹, Roberta Gabriella Cavalli¹, Patrizia Velotti¹

¹Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Roma, Italy; ²Department of Educational Sciences, University of Genoa, Genova, Italy; robertagabriella.cavalli@uniroma1.it
**Mini-talks 1B**

**Reducing problematic gaming and gambling**

**Time:**
Tuesday, 21 June/2022: 8:30am - 9:00am

**Location:** LT4

**Session Chair:** Magali Dufour

**Presentations**

**Risks & Challenges Program: Preventing Behavioural Addictions and Dependencies**

**Artemisa R Dores**¹, **Gizela Rendo**², **Carla Rocha**³
¹School of Health, Polytechnic of Porto, Porto, Portugal; ²Laboratory of Neuropsychophysiology, Faculty of Psychology and Education Sciences, Porto, Portugal; ³Division of Intervention on Addictive Behaviours and Dependencies (DICAD); artemisa@ess.ipp.pt

**Binge Gaming: a potential predictive concept for Internet gaming disorder**

**Catherine Gatineau**¹, **Magali Dufour**¹, **Joël Tremblay**², **Nadine Blanchette Martin**³, **Francine Ferland**³
¹University of Quebec in Montreal, Canada; ²University of Quebec in Trois-Rivières, Canada; ³CIUSSSCN/ CISSSCA; catherine.gatineau@hotmail.com

**Digital Detox Retreat for young adults with problematic gaming and social media use tendencies**

**Rami Radwan, Helmi Elina Korhonen, Terhi Mustonen**
Sosped Found, Finland; helmi.korhonen@sosped.fi

**A cognitive group therapy for patients in case of Gambling Disorder: The utility of the dual-process model**

**MARIA ANNA DONATI**¹, **ADRIANA IOZZI**², **GINETTA FUSI**², **GIULIA FRANCESCHINI**², **SILVIA BONINI**², **BIANCA PANANTI**², **CATERINA PRIMI**¹
¹NEUROFARBA DEPARTMENT, UNIVERSITY OF FLORENCE, Italy; ²UFC SerD C Zona 1 Firenze, Azienda USL Toscana Centro, Italy; marianna.donati@unifi.it

**Not Only for Kids: Responsible Gaming among Adult Gamers in China**

**Shuguang ZHAO**¹, **Shu (Mogu) YU**²
¹School of Journalism and Communication, Renmin University of China, Beijing, China.; ²Centre of Excellence in Responsible Gaming, University of Gibraltar, Gibraltar; mogu.yu@unigib.edu.gi
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<td><strong>Assessing illness perceptions regarding gambling and gaming disorders</strong>&lt;br&gt;Anise M.S. Wu¹, Dang Le¹, Joseph T.F. Lau²&lt;br&gt;¹University of Macau, Macau S.A.R. (China); ²Chinese University of Hong Kong, Hong Kong S.A.R. (China); <a href="mailto:anisewu@um.edu.mo">anisewu@um.edu.mo</a></td>
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<td><strong>Higher difficulty regulating emotions and less guilt are associated with stronger severity of gambling addiction among gamblers</strong>&lt;br&gt;Tessier Samantha¹, Romo Lucia¹, Zerhouni Oulmann²&lt;br&gt;¹University Paris Nanterre, EA 4430 Clinique Psychanalyse Développement (Clipsyd); ²Université Paris-Nanterre, EA4386 Laboratoire Parisien de Psychologie Sociale (LAPPS); <a href="mailto:samantha_419@hotmail.com">samantha_419@hotmail.com</a></td>
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<td><strong>Gambling Among LGBTQ Populations: A Scoping Review</strong>&lt;br&gt;Magaly Brodeur, Cyril Devault-Tousignant, Nicolas Lavoie, Sophie Audette-Chapdelaine, Mélissa Côté, Julie-Christine Cotton&lt;br&gt;Université de Sherbrooke, Canada; <a href="mailto:magaly.brodeur@usherbrooke.ca">magaly.brodeur@usherbrooke.ca</a></td>
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<td><strong>Attentional social information processing in a population of recreational poker players</strong>&lt;br&gt;Elodie Hurel¹,², Marie Grall-Bronnec¹,², Elsa Thiabaud¹, Juliette Leboucher¹, Maxime Leroy², Gaëlle Challet-Bouju¹,²&lt;br&gt;¹CHU Nantes, Addictology and Psychiatry Department, Nantes, France; ²Nantes Université, Université de Tours, INSERM, SPHERE U1246 “methodS in Patient-centered outcomes and HEalth ResEarch”, Nantes, France; ³CHU Nantes, Biostatistics and Methodology Unit, Department of Clinical Research and Innovation, Nantes, France; <a href="mailto:elodie.hurel@chu-nantes.fr">elodie.hurel@chu-nantes.fr</a></td>
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<td><strong>Cognitive factors that predict gambling fallacy endorsement and resistance</strong>&lt;br&gt;Carrie Ann Shaw¹, V. Toria Violo², Robert J Williams³, Zsolt Demetrovics¹&lt;br&gt;¹University of Gibraltar, Gibraltar (United Kingdom); ²Mount Royal University; ³University of Lethbridge, Lethbridge, Canada; <a href="mailto:carrie.shaw@unigib.edu.gl">carrie.shaw@unigib.edu.gl</a></td>
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<td><strong>ADHD and Social Anxiety among Gamers: Mediating Role of Motivations for Playing and Maladaptive Gaming-Related Cognitions on Internet Gaming Symptoms</strong></td>
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<tr>
<td>Emeline Chauchard1, Stevens Rouzo1, Axelle Moreau2</td>
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<td>1Nantes Université, Univ Angers, Laboratoire de psychologie des Pays de la Loire, LPPL, UR 4638, F-44000 Nantes, France; 2Institut Universitaire sur les Dépendances, Montréal, Québec, Canada; <a href="mailto:emeline.chauchard@univ-nantes.fr">emeline.chauchard@univ-nantes.fr</a></td>
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<tr>
<td><strong>Comorbidity in Trichotillomania and Attention-Deficit/Hyperactivity Disorder</strong></td>
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<td>Eve K. Chesivoir, Stephanie Valle, Jon E. Grant</td>
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<td>University of Chicago, United States of America; <a href="mailto:chesivoir@yoda.bsd.uchicago.edu">chesivoir@yoda.bsd.uchicago.edu</a></td>
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<td><strong>Hoarding symptoms in adult patients with attention deficit hyperactivity disorder</strong></td>
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<td>Luisa Vignozzi, Giacomo Grassi, Chiara Cecchelli, Anna Rapicavoli</td>
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<td>Brain Center Firenze, Italy; <a href="mailto:luisa.vignozzi@braincenterfirenze.it">luisa.vignozzi@braincenterfirenze.it</a></td>
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<td><strong>Parasomnias and sleep quality in adult patients with attention deficit hyperactivity disorder</strong></td>
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<td>Anna Rapicavoli, Luisa Vignozzi, Chiara Cecchelli, Giacomo Grassi</td>
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<td>BRAIN CENTER FIRENZE, Italy; <a href="mailto:anna.rapicavoli@braincenterfirenze.it">anna.rapicavoli@braincenterfirenze.it</a></td>
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<tr>
<td><strong>Psychological factors associated with ADHD in behavioral addiction outpatients</strong></td>
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<tr>
<td>Sarah El Archi1, Paul Brunault1,2, Nicolas Ballon3, Damien Maugé4, Stéphanie Branger5, Manuel Garcia4, Christian Réveillé1, Servane Barrault1,4,5</td>
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<tr>
<td>1Qualipsy, EE 1901, Université de Tours, 37041 Tours, France; 2CHRU de Tours, Service d’Addictologie Universitaire, Équipe de Liaison et de Soins en Addictologie, 37044 Tours, France; 3UMR 1253, iBrain, Université de Tours, INSERM, 37032 Tours, France; 4CHRU de Tours, Service d’Addictologie Universitaire, Centre de Soins d’Accompagnement et de Prévention en Addictologie d’Indre-et-Loire (CSAPA-37), Tours, France; 5University of Paris, Laboratory of Psychopathology and Health Processes, F-92100, Boulogne-Billancourt, France; <a href="mailto:sarah.elarchi@univ-tours.fr">sarah.elarchi@univ-tours.fr</a></td>
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<td><strong>Dental anxiety as a risk factor for Facebook intrusion and substance abuse</strong></td>
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<td>Małgorzata Soboli, Alicja Senejko2, Agata Blachnio3, Joanna Chwaszcz4</td>
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<td>1University of Warsaw, Poland; 2University of Wroclaw; 3Catholic University of Lublin; <a href="mailto:malgorzata.sobol@psych.uw.edu.pl">malgorzata.sobol@psych.uw.edu.pl</a></td>
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**Mini-talks 1E**

**Eating disorders and food addiction**

**Time:**
Tuesday, 21 June 2022: 8:30am - 9:00am

**Session Chair:** Alexander Logemann

**Location:** LT3

### Presentations

**The relation between BMI and inhibitory control in a context of anticipated reward**
Afework Abebe¹, Cuiling Guo¹, Gijsbert Stoett², Renata Cserjési Cserjési³, Gyöngyi Kökönyei³, Alexander Logemann³

¹Doctoral School of Psychology, ELTE, Eötvös Loránd University, Budapest, Hungary; ²Department of Psychology, University of Essex, UK; ³Institute of Psychology, Eötvös Loránd University, Hungary; ⁴Department of Pharmacodynamics, Semmelweis University, Budapest, Hungary; 
teleworkpsy@gmail.com

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**Child-parent relationships as a factor in the emergence of food addiction in adolescents**
Chinara Shakeeva¹, Sveta Berdibayeva², Sandugas Duanayeva³, Arman Nurmakhanbetov⁴, Dmitry Ivanov⁵

¹Educational institution of the autonomous non-profit organization of higher education; Kyrgyz-Russian Academy of Education; (Institute), Kyrgyzstan (Kyrgyz Republic), Bishkek city; ²Al-Farabi Kazakh National University, Almaty city, Republic of Kazakhstan; ³M. Auezov South Kazakhstan State University, Shymkent city, Republic of Kazakhstan; ⁴Samara State University of Social Sciences and Education, Russian Federation, Samara city; 
shakeeva99@bk.ru

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**Therapeutic management of food addiction**
Octavian Vasiliu

Dr. Carol Davila University Emergency Central Military Hospital, Romania; octavvasiliu@yahoo.com

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**Psychological correction of self-attitude of boys and girls with eating disorders**
Sveta Berdibayeva¹, Farida Sakhiyeva², Dmitriy Ivanov³, Gulbakhyt Menlibekova⁴, Nursulu Algozhayeva⁵

¹Al-Farabi Kazakh National University, Almaty city, Republic of Kazakhstan; ²M. Auezov South Kazakhstan State University, Shymkent city, Republic of Kazakhstan; ³Samara State University of Social Sciences and Education, Russian Federation, Samara city; ⁴L.N. Gumilyov Eurasian National University, Nursultan city, Republic of Kazakhstan; ⁵L.N. Gumilyov Eurasian National University, Nursultan city, Republic of Kazakhstan; 
berdibayeva.sveta1@mail.ru

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**Research of creativity in the aspect of "socially acceptable" addictions**
Sveta Berdibayeva¹, Maryia Mun², Chynara Shakeeva³, Assiya Kukubayeva⁴, Aliya Alimzhanova⁵

¹Al-Farabi Kazakh National University, Almaty city, Republic of Kazakhstan; ²Turan University, Almaty city, Republic of Kazakhstan; ³A. Myrzakhmetov Kokchetau university, Kokchetau city, Republic of Kazakhstan; ⁴T. Zhurgenov Kazakh National Academy of Arts, Almaty city, Republic of Kazakhstan; 
berdibayeva.sveta1@mail.ru
### Mini-talks 1F

**Biological perspectives in behavioral addictions**

**Time:**
Tuesday, 21 June 2022:
8:30am - 9:00am

**Location:** LT6

**Session Chair:** Bernadette Kun

**Presentations**

#### Effects of Problematic Internet Use and Internet-based Activities on Brain Structure

Anna Timea Szente¹, Ákos Arató², Eszter Áfra², Szilvia Anett Nagy³,⁴,⁵, Gergely Orsi³,⁴, Gábor Perlaki¹,²,³, Gergely Darnai¹,²,³, József Janszky¹,²

¹Department of Neurology, University of Pécs, Pécs, Hungary; ²Department of Behavioral Sciences, University of Pécs, Pécs, Hungary; ³Pécs Diagnostic Centre, Pécs, Hungary; ⁴MTA-PTE Clinical Neuroscience MR Research Group, Pécs, Hungary; ⁵Department of Neurosurgery, University of Pécs, Medical School, Pécs, Hungary; [annaszente22@gmail.com](mailto:annaszente22@gmail.com)

#### Investigating the Neurological Consequences of General Internet Addiction Using Resting State fMRI

Eszter Áfra¹, Ákos Arató², Anna Szente², Szilvia Anett Nagy³,⁴,⁵, Gábor Perlaki¹,²,³, Gergely Orsi³,⁴, Gergely Darnai¹,²,³, József Janszky²,³

¹Department of Behavioural Sciences, University of Pécs, Medical School, Pécs, Hungary; ²Department of Neurology, University of Pécs, Medical School, Pécs, Hungary; ³MTA-PTE Clinical Neuroscience MR Research Group, Pécs, Hungary; ⁴Pécs Diagnostic Centre, Pécs, Hungary; ⁵Department of Neurosurgery, University of Pécs, Medical School, Pécs, Hungary; [eszer.afra@aok.pte.hu](mailto:eszer.afra@aok.pte.hu)

#### The association between reinforcement sensitivity and substance use is mediated by individual differences in dispositional affectivity in adolescents

Alexandra Rádosi¹,², Tünde É. Welker¹,², Nóra Bunford¹

¹Developmental and Translational Neuroscience Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungary; ²Semmelweis University, Doctoral School of Mental Health Sciences, Hungary; [radosi.alexandra@ttk.hu](mailto:radosi.alexandra@ttk.hu)

#### Altered executive functions in work addiction

Krisztina Berta¹, Zsuzsanna Viktoria Pesthy², Teodóra Vékony³, Dezső Németh²,³,⁴, Bernadette Kun²

¹Institute of Applied Pedagogy and Psychology, Budapest University of Technology and Economics, Hungary; ²Institute of Psychology, ELTE Eötvös Loránd University, Hungary; ³Lyon Neuroscience Research Center (CRNL), Université Claude Bernard Lyon 1, Lyon, France; ⁴Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Budapest, Hungary; [kun.bernadette@ppk.elte.hu](mailto:kun.bernadette@ppk.elte.hu)
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<th>Mini-talks 1G</th>
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<td><strong>Special issues in behavioral addictions</strong></td>
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<td><strong>Time:</strong></td>
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<td><strong>Tuesday, 21/June/2022:</strong></td>
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<td><strong>Session Chair:</strong> Attila Szabo</td>
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<td><strong>Presentations</strong></td>
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**Psychological study of the influence of internet addiction on the perception of musicians**
Aziza Syzdykova¹, Svetlana Berdibayeva², Gulnar Abdullina³, Sharipbek Amirbekov⁴, Aidana Rakmyzhan¹, Satybaldy Berdibayev⁴
¹Al-Farabi Kazakh National University; ²Kazakh Humanitarian Law Innovative University; ³T. Zhurganov Kazakh National Academy of Arts; ⁴L.N. Gumilyov Eurasian National University; azizahanat@gmail.com

**Can robots create emotional dependency in humans? A systematic review.**
Dominica Díez¹,³,⁴, Estefania Navarro², Jordi Vilardell², Rosa Tejedor¹,³,⁴, Aurea Autet¹,³,⁴, Meritxell Viladrich¹,³,⁴, MCruz Crespo¹,³
¹Behavioral Addictions Unit. Fundació Althaia, Xarxa Assistencial Universitària de Manresa, Spain; ²Universitat Central de Catalunya UVIC-UCC, Spain; ³Grupo de Investigacion en Salud Mental e Innovación Social (SaMIS), Spain; ⁴Drug Addiction Center. Fundació Althaia, Xarxa Assistencial Universitària de Mnaresa, Spain; ddiez@althaia.cat

**Behavioral addictions and substance use disorders comorbidity- therapeutic challenges for physicians**
Octavian Vasiliu
Dr. Carol Davila University Emergency Central Military Hospital, Romania; octavvasiliu@yahoo.com

**Measuring problematic mobile phone use with adolescents: The psychometric characteristics of the Problematic Mobile Phone Use Scale-10**
Caterina Primi, Sara Garuglieri, Costanza Gori, Maria Anna Donati
NEUROFARBA- University of Florence, Italy; caterina.primi@unifi.it

**Problematic smartphone use: exploring, predicting, and moving forward**
Zaheer Hussain
Nottingham Trent University, United Kingdom; zaheer.hussain@ntu.ac.uk

**Young, stressed, and blind-minded: An experimental investigation of the routes from loneliness to adolescent problem gambling**
Maria Ciccarelli¹, Giovanna Nigro¹, Barbara Pizzini¹, Mariagiulia Sacco¹, Mark Griffiths², Marina Cosenza¹
¹Università degli Studi della Campania "Luigi Vanvitelli", Italy; ²Nottingham Trent University: maria.ciccarelli@unicampania.it
## Mini-talks 2A

### Behavioral addiction research - Miscellaneous

**Time:**
Wednesday, 22/June/2022: 8:30am - 9:00am  

**Location:** LT2

**Session Chair:** Hans-Jürgen Rumpf

### Presentations

#### Think-aloud analysis of commonly used screening instruments for Internet use disorders: The CIUS, the IGDT-10, and the BSMAS

Lisa Hohls, Hannah Schmidt, Dominique Brandt, Anja Bischof, Gallus Bischof, Hans-Jürgen Rumpf  
University of Luebeck, Germany; lisa.hohls@uksh.de

#### Impact research of resilience and features of the coping mechanism on the development of addictive behavior

Rakhilya Berkinbay, Sveta Berdibayeva, Kalampyr Orazymbetova, Assel Molbayeva  
Al-Farabi Kazakh National University, Kazakhstan; rahiyla2310@gmail.com

#### Gambling Fallacies, problem gambling, and the role of pandemic specific factors

Carrie Ann Shaw¹, Robert J. Williams², Daniel S McGrath³, Zsolt Demetrovics¹  
¹University of Gibraltar, Gibraltar (United Kingdom); ²University of Lethbridge, Lethbridge, Canada; ³University of Calgary, Calgary, Canada; carbie.shaw@unigib.edu.gi
## Mini-talks 2B

**Methodological issues in gaming**

**Time:** Wednesday, 22/June/2022: 8:30am - 9:00am  
**Location:** LT4

**Session Chair:** Artemisa R Dores

### Presentations

**The psychometric properties of the Gaming Addiction Scale in a sample of Portuguese college students**

Artemisa R Dores¹,², Helena Martins³, Andreia Geraldo², Fernando Barbosa²  
¹School of Health, Polytechnic of Porto, Porto, Portugal; ²Laboratory of Neuropsychophysiology, Faculty of Psychology and Education Sciences, Porto, Portugal; ³School of Business and Economics, Lusófona University, Lisbon, Portugal; artemisa@ess.ipp.pt

**Gaming Rage Scale (GRS): Development and Validation**

Axelle Moreau¹, Emeline Chauchard²  
¹Institut Universitaire sur les Dépendances, Montréal, Québec, Canada; ²Nantes Université, Univ Angers, Laboratoire de psychologie des Pays de la Loire, LPPL, UR 4638, F-44000 Nantes, France; emeline.chauchard@univ-nantes.fr

**Verification of the linguistic validity and feasibility of the Japanese version of the Gaming Disorders Screening Scale**

Makoto TOKUSHIGE¹, Koki ONO¹, Hiroki ASAOKA¹, Yuki MIYAMOTO¹, Masaru TATENO², Ayumi TAKANO³  
¹Graduate School of Medicine, The University of Tokyo, Japan; ²Tokiwa Hospital, Japan; ³Tokyo Medical and Dental University, Japan; child-mind@hotmail.co.jp

**Is the screening for behavioral addictions important for general practitioners?**

Octavian Vasiliu  
Dr. Carol Davila University Emergency Central Military Hospital, Romania; octavvasiliu@yahoo.com

**Towards robust methodology of online surveys targeting gamers: Identifying psychosocial differences between participants giving access to their in-game data and those who don’t**

Stephane Rothen¹, Joël Billieux², Yasser Khazaal³, Gabriel Thorens¹, Daniele Zullino¹, Sophia Achab¹  
¹Geneva University Hospitals, Switzerland; ²University of Lausanne; ³University Hospital of Lausanne; stephane.rothen@hcuge.ch
# Mini-talks 2C

**Social media use**

**Time:**
Wednesday, 22/June/2022: 8:30am - 9:00am  
**Location:** LT5

**Session Chair:** Tania Moretta

**Presentations**

**Relationships between different types of affective temperaments and Instagram addiction**  
Jelena Jović¹, Aleksandar Ćorac¹, Dragana Iglnjatović Ristić²,³, Ivan Ristić¹, Vladan Starčević⁵  
¹Faculty of Medicine, University of Prishtina-Kosovska Mitrovica, Serbia; ²Faculty of Medical Sciences, University of Kragujevac, Kragujevac, Serbia; ³Psychiatric clinic, Clinical Center “Kragujevac”, Kragujevac, Serbia; ⁴School of Medicine, University of Belgrade, Serbia; ⁵Sydney Medical School - Nepean, University of Sydney, Sydney;  
jovic.jelena@gmail.com

**Social networking site stimuli elicit automatic approach reactions**  
Michael Wadsley, Niklas Ihssen  
Durham University, United Kingdom; michael.wdsley@durham.ac.uk

**Instagram problematic use and personality traits: the mediating role of usage motives and fear of missing out**  
Virginia Pupi, Roberta Biocati  
University of Bologna, Italy; virginia.pupi3@unibo.it

**Social Media Challenge: A one-week psychoeducation campaign to facilitate aware and controlled use of social media**  
Helmi Elina Korhonen, Rami Radwan, Terhi Mustonen  
Sosped Found, Finland; helmi.korhonen@sosped.fi
Mini-talks 2D

Compulsive sexual behavior disorder

**Time:**
Wednesday, 22/June/2022:
8:30am - 9:00am

**Location:** LT1

**Session Chair:** Beáta Bőthe

**Presentations**

**Anxiety and Compulsive Sexual Behaviour Disorder: A Systematic Review**
Jennifer T. Grant Weinandy¹, Brinna Lee¹, K. Camille Hoagland¹, Joshua B. Grubbs¹, Beáta Bőthe²
¹Bowling Green State University, United States of America; ²Université de Montréal, Canada; jtgrant@bgsu.edu

**Sexual addiction: a maladaptive strategy to regulate mood and anxiety symptoms ?**
Komlan Gnimavo Hegbe¹, Christian Réveillère¹, Paul Brunault²,³, Servane Barrault¹,²,⁴,⁵
¹Qualipsy, EE 1901, Université de Tours, 37041 Tours, France; ²CHRU de Tours, Service d'Addictologie Universitaire, Équipe de Liaison et de Soins en Addictologie, 37044 Tours, France; ³UMR 1253, iBrain, Université de Tours, INSERM, 37032 Tours, France; ⁴CHRU de Tours, Service d'Addictologie Universitaire, Centre de Soins d'Accompagnement et de Prévention en Addictologie d'Indre-et-Loire (CSAPA-37), 37000 Tours, France; ⁵University of Paris, Laboratory of Psychopathology and Health Processes, F-92100, Boulogne-Billancourt, France; komlan.hedbe@univ-tours.fr

**Differential relationships between Compulsive Sexual Behavior Disorder symptoms and sexual health**
Agnieszka Glica¹,⁴, Magdalena Wizła¹, Karol Lewczuk¹, Mateusz Gola²,³
¹Institute of Psychology, Cardinal Stefan Wyszynski University, Warsaw, Poland; ²Swartz Center for Computational Neuroscience, Institute for Neural Computations, University of California, San Diego, United States; ³Institute of Psychology, Polish Academy of Sciences, Warsaw, Poland; ⁴Laboratory of Language Neurobiology, Nencki Institute of Experimental Biology, Polish Academy of Sciences, Warsaw, Poland; agnieszkamariaglica@gmail.com

**Evaluating Links Between Symptoms of Compulsive Sexual Behavior Disorder, Substance Use, and Behavioral Addictions: Results from a U.S. Nationally Representative Sample**
Jennifer T. Grant Weinandy¹, K. Camille Hoagland¹, Christopher G. Floyd¹, A. Shanti James¹, Shane W. Kraus², Joshua B. Grubbs¹
¹Bowling Green State University, United States of America; ²University of Nevada Las Vegas, United States of America; jtgrant@bgsu.edu
Mini-talks 2E

**Children and adolescents**

**Time:**
Wednesday, 22/June/2022: 8:30am - 9:00am

**Location:** LT3

**Session Chair:** Ina Koning

**Presentations**

**The use of mobile devices by children under 6 years old in Poland**
Magdalena Rowicka¹, Michał Bujalski²
¹The Maria Grzegorzewska University, Poland; ²Warsaw University, Poland; magda.rowicka@gmail.com

**Screen media dependency among pre-school children in Kuala Lumpur and its associated factors**
Azwanis Abdul Hadi, Nurul Akmal Abd Latip, Suhaiza Samsudin, Edre Mohammad Aidid, Rozanizam Zakaria
International Islamic University Malaysia, Malaysia; azwanis@iium.edu.my

**Psychological correction of adolescents’ Internet addiction by means of Art therapy**
Sveta Berdibayeva¹, Myrzabek Kamchybekuulu², Bibianar Baizhumanova³, Alena Garber⁴, Dmitry Ivanov⁵
¹Al-Farabi Kazakh National University, Almaty city, Republic of Kazakhstan; ²Jusup Balasagyn Kyrgyz National University, Bishkek city, Republic of Kyrgyz; ³L.N.Gumilyov Eurasian National University, Nursultan city, Republic of Kazakhstan; ⁴Rehabilitation Clinic “Reinhardshöhle”, Bad Wildungen, Hessen, Germany; ⁵Samara State University of Social Sciences and Education, Russian Federation, Samara city; berdibayeva.sveta1@mail.ru

**Influence of emotional behavior of parents as a means of protection against mobile addiction in children**
Nazym Abikeyeva¹, Sveta Berdibayeva¹, Saya Dossanova², Aiym Massimbayeva¹, Marta Abdykalikova¹
¹Al-Farabi Kazakh National University, Kazakhstan; ²Myrzakhmetov Kokchetau University, Kazakhstan; ³National School of Public Policy Administration under the President of the Republic of Kazakhstan; abikeyeva.nazym11@gmail.com

**Dificit of cognitive resources in unsocialized conduct disorder of children and adolescents (lies, stealing, truancy)**
Inna Tikhonova, Svetlana Khazova, Tatiana Adeeva
Kostroma State University, Russian Federation; inn.007@mail.ru

**Anxiety sensitivity mediates relations between anxiety and problematic smartphone use severity in Chinese adolescents early in the COVID-19 pandemic**
Caleb Hallauer¹, Emily Rooney¹, Halbo Yang², Qingjun Meng², Christian Montag⁴,⁵, Jon Elhai⁴,⁵
¹University of Toledo, United States of America; ²Academy of Psychology and Behavior, Tianjin Normal University, No. 393 Binshuxi Road, Xiqing District, Tianjin, 300387, China; ³School Health Care Center, Dongli District, Tianjin, 300399, China; ⁴Department of Molecular Psychology, Institute of Psychology and Education, Ulm University, 89081 Ulm, Germany; ⁵neuSCAN Laboratory, Clinical Hospital of the Chengdu Brain Science Institute and Key Laboratory for Neuroinformation, University of Electronic Science and Technology of China, Chengdu, China; ⁶Department of Psychiatry, University of Toledo, 3000 Arlington Avenue, Toledo, Ohio, 43614, USA; caleb.hallauer@rockets.utoledo.edu
Mini-talks 2F

Gaming research

Time: Wednesday, 22/June/2022: 8:30am - 9:00am
Location: LT6

Session Chair: Halley M. Pontes

Presentations

Videogame user differences according to the game they play
Roxanne Hébert-Ratté, Magali Dufour, Ghassan El-Baalbaki
Université du Québec à Montréal, Canada; hebert-ratte.roxanne@courrier.uqam.ca

Game genre, bodily dissociation experiences and Internet gaming disorder symptoms: is there an association?
Alessia Musicò, Giulia Fioravanti, Silvia Casale
Università degli Studi di Firenze, Italy; alessia.musico@unifi.com

Impact of problematic video gaming and action computer games on proactive and reactive cognitive control
Andrzej Cudo¹, Natalia Kopiš-Posiej², Kateryna Shchehelska³
¹The John Paul II Catholic University of Lublin, Poland; ²Medical University of Lublin, Poland; andrew.cudo@gmail.com

Pavlovian and instrumental conditioning in the early stages of gaming disorder and buying-shopping disorder
Anna M. Schmid¹, Tobias A. Thomas², Astrid Müller², Sabine Steins-Loeber³
¹Department of Clinical Psychology and Psychotherapy, University of Bamberg, Bamberg, Germany; ²Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Hannover, Germany; anna.schmid@uni-bamberg.de

Validation of the Internet Gaming Disorder Test (IGDT-10) in a sample of Quebec French-speaking adolescents and young adults
Roxanne Hébert-Ratté, Magali Dufour, Martine Hébert
Université du Québec à Montréal, Canada; hebert-ratte.roxanne@courrier.uqam.ca
Mini-talks 2G
Special issues in behavioral addictions 2

Time: Wednesday, 22/June/2022: 8:30am - 9:00am

Session Chair: Daria J. Kuss

Presentations

From passion to love addiction: the role of attachment styles
Roberta Gabriella Cavalli¹, Guyonne Rogier², Patrizia Velotti¹
¹Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Roma, Italy; ²Department of Educational Sciences, University of Genoa, Genova, Italy; robertagabriella.cavalli@uniroma1.it

Parental Bonding in Body Focused Repetitive Behaviors
Stephanie Valle, Eve Chesivoir, Jon E. Grant
University of Chicago, United States of America; svalle@yoda.bsd.uchicago.edu

Examining the Perceptions of Adolescents Regarding Their Fathers in with Internet Gaming Disorder
Süreyyanur Kitapçıoğlu¹, Mehmet Dinç², İlyas Kaya³
¹Academy Psychological Counseling Center, Turkey; ²Hasan Kalyoncu University, Turkey; ³Istanbul University, Istanbul Medical Faculty, Child and Adolescent Psychiatry Department, Turkey; sureyyakitapcioglu@gmail.com

Compassion, gratitude and mindfulness: their role across different gaming contexts
Guyonne Rogier², Roberta Gabriella Cavalli¹, Luca Marchegiani¹, Patrizia Velotti¹
¹Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Roma, Italy; ²Department of Educational Sciences, University of Genoa, Genova, Italy; robertagabriella.cavalli@uniroma1.it

Emotional coping resources of co-dependent women
Svetlana Khazova, Inna Tikhonova, Tatiana Adeeva
Kostroma State University, Russian Federation; hazova_svetlana@mail.ru

‘Escape Route’, ‘Constant Reboot’ and ‘Tamagotchi’ As Triumvirate of Phubbing
Aleksandr Maksimenko¹, Olga Deyneka²
¹National Research University Higher school of Economics, Russian Federation; ²Saint Petersburg University; Maximenko.Al@gmail.com