

CURRICULUM VITAE

Name: **Tania Moretta, PhD**

Birthdate January 1st, 1989

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RESEARCH TOPICS:

Psychophysiological mechanisms at the basis of motivational and affective dysfunctions in psychopathology (e.g., behavioral addictions; substance use disorder; affective disorders; autism; obsessive-compulsive disorder)

EDUCATION:

Oct 2016 – PhD in Psychological Sciences, University of Padova

March 2020 Research project: “Problematic use of the Internet and social networking sites: a psycho-physiological perspective”

Supervisor: Prof. Giulia Buodo

2014 Master’s Degree in Cognitive Neuroscience, Faculty of Medicine and Psychology, Sapienza University (110 With Honors)

Supervisor: Prof. Stefano Puglisi Allegra

Supervisor: Dr. Gianluca Baldassarre

2011 Bachelor's Degree in Psychological Science and Techniques for the Analysis and Clinical Evaluation of Cognitive Processes

Supervisor: Prof. Enrico Di Pace

RESEARCH EXPERIENCE:

June 2020 – Department of General Psychology, University of Padova, Padova, Italy

July 2022 Postdoctoral Research Fellow

Research project: “Asymmetries and connectivity in alpha oscillations: toward biomarkers of intergenerational risk for depression”

Department of Developmental Psychology and Socialisation, University of Padova,

- Dic 2019* - Padova, Italy
- March 2020* Postgraduate Research Fellow
Research project: “Problematic smartphone use in young-adults: A test of the pathways model”
- Center of Excellence in Gambling Research, Impulsivity and Impulse Control Disorders Research Program, Clinical and Affective Neuroscience. Department of
- Sept 2018* - Psychiatry, Yale School of Medicine, New Haven, CT, USA.
- March 2019* Visiting Scholar
- April 2016* – Computational Embodied Neuroscience Lab, Institute of cognitive sciences and technologies (ISTC) - Consiglio Nazionale delle Ricerche (CNR), Roma, Italy
- Oct 2016* Postgraduate Research Fellow
Research project: “Biofeedback and Neurofeedback: new techniques for prevention and treatment of behavioral addictions”
- Oct 2015* – Psychophysiology Lab, Department of General Psychology, University of Padova, Padova, Italy
- March 2016* Postgraduate Research Fellow
Research project: “Biofeedback and Neurofeedback: new techniques for prevention and treatment of behavioral addictions”
- Oct 2013* – Computational Embodied Neuroscience Lab, Institute of cognitive sciences and technologies (ISTC) - Consiglio Nazionale delle Ricerche (CNR), Roma, Italy
- Sept 2015* Research Trainee

TEACHING EXPERIENCE:

- Second semester* Course module “Clinical Psychophysiology”, Dr. Nicola Cellini, Department of
AY 2019-2020 General Psychology, University of Padova, Padova, Italy. 8 hours
- January 23 - 24,* Course “The road to reliable and valid psychophysiological measurements and
2020 analyses: a practical course”, Head and Skin | Psychiatry and Medical Psychology,
UZ Ghent campus, Gent. 8 hours

First semester
AY 2019-2020 Course module “Psychophysiology of cognitive and emotional processes”, Prof. Michela Sarlo, Department of General Psychology, University of Padova, Padova, Italy. 20 hours

2015-now
Co-supervisor of final dissertations of bachelor’s and master’s degree students;
Co-supervisor of postgraduate trainees

YA 2017-2018 Seminar on the psychobiological correlates of problematic Internet use, course module “Affective Neuroscience and Psychopathology”, Prof. Giulia Buodo, Department of General Psychology, University of Padova, Padova, Italy

RESEARCH GRANTS/SCHOLARSHIPS:

June 2020- Department of General Psychology, University of Padova, Padova, Italy

July 2022 Research project entitled STARS-A-CAOS-BIRD
Postdoctoral Research Fellowship
Research Project Supervisor: Dr. Simone Messerotti Benvenuti
Grant holder of 19,367 Euro per year

Dec 2019- Department of Developmental Psychology and Socialisation, University of Padova, Padova, Italia

March 2020 Research project entitled Problematic smartphone use in young-adults: A test of the pathways model
Research Assistant
Research Project Supervisor: Dr. Natale Canale
Grant holder of 5000 Euro

2019 Associazione Italiana di Psicologia
Travel grant for the ICBA 2019, 6th International Conference on Behavioral Addictions”, Yokohama, Japan
Grant holder of 500 Euro

2015 - 2016 European Social Fund Programming 2014-2020, DD N412 of 04/05/2015

Research Grant “Torno subito” program

Research project entitled “Biofeedback and Neurofeedback: new techniques for prevention and treatment of behavioural addictions”

Supervisors: Prof. Giulia Buodo, Dr. Marco Mirolli

Grant holder of 11,550 Euro

2009-2014 Sapienza Università di Roma

University Scholarship

Grant holder of 15,410 Euro

MEMBERSHIPS:

International Society for the Study of Behavioral Addictions (ISSBA)

Society for Psychophysiological Research (SPR)

Associazione Italiana di Psicologia (AIP)

PREMI E RICONOSCIMENTI:

2018 10% most cited PLOS ONE papers published in 2018 (Moretta T, & Buodo G (2018). Autonomic stress reactivity and craving in individuals with problematic Internet use. PloS one, 13(1), e0190951)

REVIEWER EXPERIENCE:

Ad hoc reviewer for: International Journal of Psychophysiology; Journal of Behavioral Addictions; Psychiatry and Clinical Neurosciences; Addictive Behaviors; Plos One; Current Addiction Reports; Cyberpsychology, Behavior, and Social Networking; Journal of Addictive Behaviors, Therapy & Rehabilitation; Cerebral Cortex Communications

NATIONAL AND INTERNATIONAL COLLABORATIONS:

Prof. Marc N Potenza

Department of Psychiatry, Yale University School of Medicine

New Haven, Connecticut, USA

Research Project "Examining psychological mechanisms underlying problematic social

network sites use”; Main investigators: Shubao Chen, Tania Moretta, Marc N Potenza

Dr. Shubao Chen

Department of Psychiatry, The Second Xiangya Hospital, Central South University
Changsha, Hunan, China

1) Research Projects "Examining psychological mechanisms underlying problematic social network sites use"; 2) "Psycho-social variables in methamphetamine abuse"

Prof. Belle Gavriel-Fried

The Bob Shapell School of Social Work, Tel Aviv University
Tel Aviv, Israel

Research Project "The role of recovery capital in gambling disorder"

Dr. Julian Koenig

Department of Child and Adolescent Psychiatry, Centre for Psychosocial Medicine,
University of Heidelberg

Heidelberg, Germany

Study of psychobiological markers of depression in adolescents

Dr. Valerio Sperati, Dr. Beste Ozcan, and Dr. Gianluca Baldassarre

Laboratory of Computational Embodied Neuroscience (LOCEN), ISTC-CNR
Rome, Italy

Research Project "+me": motivating children with autism spectrum disorders to communicate and socially interact through interactive soft wearable devices

Dr. Vieri Giuliano Santucci

Laboratory of Computational Embodied Neuroscience (LOCEN), ISTC-CNR
Rome, Italia

Research Project "The relationships of COVID-19 outbreak and Problematic Social Networking Sites Use"

MOTHER TONGUE, OTHER LANGUAGES:

Italian, English (IELTS, Good User)

COMPUTER SKILLS:

Advanced knowledge: Matlab (Brainstorm; EEGLAB; Psychtoolbox); R; Octave; TeX;

Basic knowledge: C++; Java; Python; Visual Basic

Advanced knowledge: Thought Technology, Brain Vision, AcqKnowledge Data Acquisition and Analysis Software, eego™ product family | ANT Neuro, Kubios HRV for recording and analyzing physiological data.

E-Prime, PsychoPy, and Pavlovia for programming experimental tasks

JabRef; Mendeley; EndNote for reference management

PUBBLICAZIONI SCIENTIFICHE:

1. Moretta, T., Chen, S., Potenza M. N. (in press). Mobile and non-mobile Internet Use Disorder: Specific risks and possible shared Pavlovian conditioning processes. *Journal of Behavioral Addictions*, in press
2. Moretta, T., & Buodo, G. (2020). Problematic Internet Use and Loneliness: How Complex Is the Relationship? A Short Literature Review. *Current Addiction Reports*, 7(2), 125-136
3. Gavriel-Fried B, Moretta T, Potenza NM (2020) Modelling intrinsic spirituality in gambling disorder. *Addiction Research & Theory*, 28(3), 204-210
4. Gavriel-Fried B, Moretta T, Potenza M. N. (2020) Associations between recovery capital, spirituality and DSM-5 symptom improvement in gambling disorder. *Psychology of Addictive Behaviors*, 34(1), 209-217
5. Chen, S., Ma, Y., Cai, W., Moretta, T., Wang, X., Liu, T., & Potenza, M. N. (2020). Factorial validity of a substance-use stigma scale in methamphetamine-using adults in China. *Drug and Alcohol Dependence*, 206, 107677
6. Sperati, V., Özcan, B., Romano, L., Moretta, T., Scaffaro, S., Faedda, N., ... & Sogos, C. (2020). Acceptability of the Transitional Wearable Companion “+ me” in Children with Autism Spectrum Disorder: A Comparative Pilot Study. *Frontiers in Psychology*, 11, 951
7. Moretta T, Sarlo M, & Buodo G (2019). Problematic Internet Use: The Relationship Between Resting Heart Rate Variability and Emotional Modulation of Inhibitory Control. *Cyberpsychology, Behavior, and Social Networking*, 22(7), 500-507

8. Sperati V, Özcan B, Romano L, Scaffaro S, Moretta T, Turturo G, Aliberti MN, Guidetti V and Baldassarre G (2019) Acceptability of the Transitional Wearable Companion “+me” in Typical Children: A Pilot Study. *Frontiers Psychology*, 10:125
9. Gavriel-Fried B, Moretta T, Potenza M. N. (2019) Similar roles for recovery capital but not stress in women and men recovering from gambling disorder. *Journal of Behavioral Addictions*, 8(4), 770-779
10. Gavriel-Fried, B., Moretta, T., & Potenza, M. N. (2019). Recovery Capital and Symptom Improvement in Gambling Disorder: Correlations with Spirituality and Stressful Life Events in Younger but Not Older Adults. *Journal of Gambling Studies*, 1-12
11. Ottaviani C, Collazzoni A, D'Olimpio F, Moretta T, & Mancini, F. (2019). I obsessively clean because deontological guilt makes me feel physiologically disgusted!. *Journal of Obsessive-Compulsive and Related Disorders*, 20, 21-29
12. Moretta T, & Buodo G (2018). Modeling Problematic Facebook Use: Highlighting the role of mood regulation and preference for online social interaction. *Addictive Behaviors*, 87, 214-221
13. Moretta T, & Buodo G (2018). Autonomic stress reactivity and craving in individuals with problematic Internet use. *PloS One*, 13(1), e0190951
14. Özcan B, Caligiore D, Sperati V, Moretta T, & Baldassarre G (2016). Transitional wearable companions: A novel concept of soft interactive social robots to improve social skills in children with autism spectrum disorder. *International Journal of Social Robotics*, 8(4), 471-481
15. Cartoni E, Moretta T, Puglisi-Allegra S, Cabib S, & Baldassarre G (2015). The relationship between specific Pavlovian instrumental transfer and instrumental reward probability. *Frontiers in Psychology*, 6, 1697

ORAL PRESENTATIONS AND SEMINARS AT NATIONAL/INTERNATIONAL CONFERENCES:

- 2018 Congresso Nazionale AIP, Sezione di Psicologia Clinica e Dinamica, Urbino (Italy), 7-9 Settembre.
Symposium: Clinical Psychology and Neurosciences: an Evidence-based Dialogue.
Title: Tangled up in blue: Response inhibition in problematic Facebook use

- 2018 58th Annual Meeting of the Society for Psychophysiological Research (SPR), Quebec, Canada. Symposium: Crossing the Knowledge to Practice Divide: Heart Rate Variability in the Assessment and Treatment of Psychopathology.
Title: Heart Rate Variability & Problematic Internet Use: The Relationship Between Craving for Internet Usage and Reduced Autonomic Flexibility
- 2016 International Conference of Mindfulness, Sapienza, University of Rome, Rome, Italy. Symposium: The Relationships between Mind and Body.
Title: The neurobiology of mindfulness, stress and their interactions
- 2015 Section of Behavioural Neurosciences, Department of Cell Biology and Neuroscience, Istituto Superiore di Sanità (ISS), Rome, Italy. Seminar: On computational modeling.
Title: On the relationship between specific Pavlovian instrumental transfer and instrumental reward probability

POSTER PRESENTATIONS AT NATIONAL/INTERNATIONAL CONFERENCES:

- 2019 Congresso Nazionale AIP Sezione di Psicologia Clinica e Dinamica, Milano, 27-29 Settembre., Milano, Italy.
Title: Problematic Internet Use: associations with hoarding and depression symptoms
- 2019 ICBA 2019, 6th International Conference on Behavioral Addictions, Yokohama, Japan.
Title: Tangled up in blue: response inhibition in Problematic Facebook Use
- 2018 Congresso Nazionale AIP Sezione di Psicologia Clinica e Dinamica, Urbino (Italy), 7-9 Settembre.
Title: A model of problematic Facebook use: Highlighting the role of preference for online interaction and mood regulation
- 2017 57th Annual Meeting of the Society for Psychophysiological Research (SPR), Vienna, Austria.
Title: Autonomic stress reactivity and craving in individuals with Problematic Internet Use
- 2017 31st Annual Conference of the European Health Psychology Society, Padova (Italy), August 29-September 2.
Title: Autonomic reactivity to psychosocial stress in individuals with Problematic Internet Use
- 2017 Congresso Nazionale AIP Sezione di Psicologia Clinica e Dinamica, Torino (Italy), 29 Settembre-2 Ottobre.
Title: Heart Rate Variability and Response Inhibition in an Emotional Go/Nogo Task: a Study on Problematic Internet Users
- 2015 AISC, Bodies, Tools & Cognition Conference, Genova, Italy.
Title: +me: final prototype for the experimentation with children with autism
- 2014 Fourth International Symposium on Biology of Decision Making (SBDM 2014), Paris, France.

Title: Specific Pavlovian-Instrumental Transfer: relationship with instrumental reward probabilities