2nd edition
European Conference on
DIGITAL PSYCHOLOGY

march 21st and 22nd 2024
Virtual Forum

Psychology and AI:
New Horizons

PROGRAMME
2024

THURSDAY 21/03/2024

ROOM 1 🇮🇹 🇬🇧 — Valid for ECM credits

9:00 - 9:30 Welcoming and Registration

Pattern Recognition

9:30 - 10:00 - *Kamil Yurtkan* - Facial Expression Recognition: From Artificial Intelligence and Psychological Perspectives

10:00 - 10:30 - *Simona Collina* - The Relationship Between Basic and Complex Emotions: The Case of Generative Art

10.30 - 11.00 - *Flávio Luis de Mello* - Smart Tools for Decision Maker Psychological Profiling

11:00 - 11:30 Coffee Break

Telehealth and Apps

11:30 - 12:00 - *Pasquale Caponetto* - AI in Action: Pioneering an Algorithm for Smoke-Free Living through Wearable Tech

12:00 - 12:30 - *Tommaso Ciulli* - TEO: a New Frontier for Artificial Intelligence Applied to Mental Health

12:30 - 13:00 - *Silvia Grazioli* - Computational Psychotherapy: Enhancing Evidence-Based Therapy Through the Integration of Predictive Machine Learning Models into the Greta-InTherapy Online Platform

13:00 - 14:00 Lunch Break

14:00 - 15:00   Poster Session and Networking Lounge

15:00 - 16:30   LECTIO MAGISTRALIS: David Luxton
AI in Behavioral Health and Psychological Science: Are You Prepared?

16:30 - 17:00 Coffee Break

Machine Learnig

17:00 - 17:30 - *Gaia di Giamberardino* - Magic Screens and Precious Signs

17:30 - 18:00 - *Laura Caligari* - The Application of Machine Learning Algorithms to Implement the Use of Child and Adolescent Needs and Strenghts 0-5 (CANS) in a Mental Health Service for Children

ROOM 2 🇬🇧 — Not valid for ECM credits

9:00 - 9:30 Welcoming and Registration

Virtual Reality and Video Games

9:30 - 10:00 - *Daniel Perez-Marcos* - Virtual Reality as an Evaluation Tool for Attentional Deficits in Patients with Acquired Brain Injury

10:00 - 10:30 - *Angela Pasqualotto* - Enhancing Learning through Play: the case of LOH, a Video Game Integrating Action Mechanics and Cognitive Training on Reading Skills in Children

10:30 - 11:00 - *Jessica Huss* - Willingness to Use Serious Games in Psychotherapeutic Treatment: An International Comparison of Psychotherapists and Patients

11:00 - 11:30 Coffee Break

E-Therapy

11:30 - 12:00 - *Isabelle Thurmann* - Results of a Qualitative Delphi Survey to Determine the Indication and Contraindication Criteria of Video-Based Psychotherapy Sessions

ROOM 1 🇮🇹 🇬🇧

Valid for **ECM** credits

Chatbot

9.30 - 10.00 - *J.P. Grodniewicz -* Three Challenges and a Puzzle: A Philosophical Appraisal of Therapeutic Chatbots

10.00 - 10.30 - *Ioana R. Podina -* The aiCARE Chatbot: An Intelligent and Automated Mental Health Screening Tool

10.30 - 11.00 - *Paola Cardinali -* Exploring the Role of Chatbots and Virtual Assistants in Adolescent Mental Health Treatment: A Scoping Review

11:00 - 11:30 Coffee Break

Emotion, Ethics and Education

11:30 - 12:00 - *Salman Mohammed Jiddah -* Automatic Depression Detection Through Compound Facial Expression

12:00 - 12:30 - *Carlo Scognamiglio -* Artificial Intelligence in Education

12:30 - 13:00 - *Ambra Ferrari, Daniele Brussolo -* Ethical Implications of Digitized Intimacy with Non-Corporeal AI Agents

13.00 - 14.00 Lunch Break

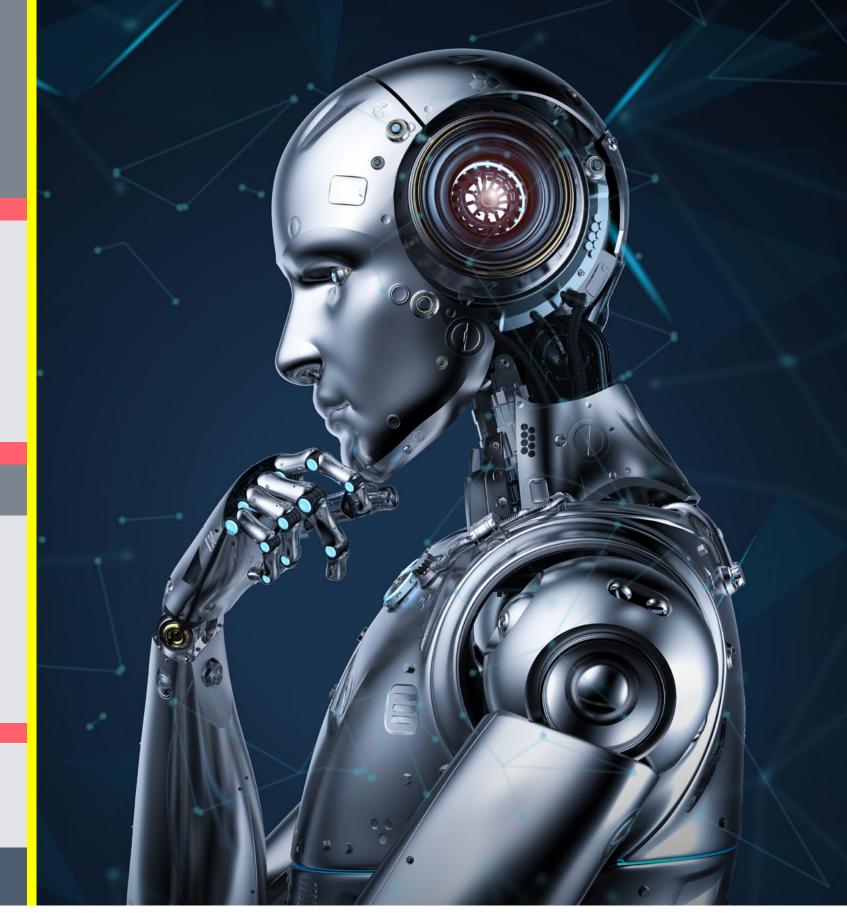14:00 - 15:00   **Poster Session and Networking Lounge**

Natural Language Processing (NLP)

15.00 - 15.30 - *Andrew Schwartz -* Psychological Assessment in the Era of Artificial Intelligence

15.30 - 16.00 - *Maya Lvovsky -* With no tests and no diagnostician: the abilities of an artificial intelligence chatbot to assess adult's intelligence

16.00 - 16.30 - *Zohar Elyoseph -* Keywords: emotional intelligence, emotional awareness, Large Language Models, ChatGPT

16:30- 17:00 Coffee Break

17.00 - 17.45 - *Round Table - Ethics -* Lorenzo Desideri

17:45 - 18:00 Final Greetings