



2nd edition
European Conference on
DIGITAL PSYCHOLOGY

March 21st and 22nd 2024
Virtual Forum

Psychology and AI:
New Horizons

PROGRAMME
2024

ROOM 1

Valid for **ECM** credits

9:00 - 9:30 Welcoming - Sandra Sassaroli

Pattern Recognition
Chair: Luca Pizzi

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
Chair: Gabriele Caselli

11:30 - 12:00 - **Pasquale Caponetto, Mirko Casu** - 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 - **Gaia di Giamberardino** - Magic Screens and Precious Signs

13:00 - 14:00 Lunch Break

14:00 - 15:00 Poster Session and Networking Lounge - NO ECM

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

16:30 - 17:00 Coffee Break

Machine Learning and Education
Chair: Giovanni Michellini

17:00 - 17:30 - **Carlo Scognamiglio** - Artificial intelligence in Education

17:30 - 18:00 - **Laura Caligari** - The Application of Machine Learning Algorithms to Implement the Use of Child and Adolescent Needs and Strengths 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
Chair: Mattia Nese

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

11:00 - 11:30 Coffee Break



ROOM 1

Valid for **ECM** credits

Chatbot Chair: *Lorenzo Desideri*

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

10.00 - 10.30 - *Lisa Cesario* - Using a Social Robot to Engage Older Adults Living in Residential Care Homes in Cognitive Training: Preliminary Results From the Shapes Project

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, Prediction and Ethics Chair: *Simona Scaini*

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

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

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 - NO ECM

Natural Language Processing (NLP) and E-Therapy Chair: *Barbara Forresi*

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

15:30 - 16:00 - *Isabelle Thurmann* - Results of a Qualitative Delphi Survey to Determine the Indication and Contraindication Criteria of Video-Based Psychotherapy Sessions

16.00 - 16.30 - *Zohar Elyoseph* - Keywords: emotional intelligence, emotional

16:30- 17:00 Coffee Break

17.00 - 17.45 - Round Table - Ethics
Francesco Rovetto, Lorenzo Desideri, Kaska Porayska-Pomsta
NO ECM

17:45 - 18:00 Final Greetings

