

SECOND SYMPOSIUM ON PSYCHOLOGY-BASED TECHNOLOGIES

in memory of Antonio Cerrato

UNIVERSITY OF NAPLES FEDERICO II

28-29th September 2020

ONLINE SYMPOSIUM

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PsychoBit

NAC
Natural and Artificial Cognition Lab
University of Naples Federico II



Associazione
Italiana
di Psicologia

anthropos |
techne

 Ordine Psicologi
della Campania



10.00-10.10 Symposium Opening

10.10-11.10 Invited Speaker - Marco Perugini

University of Milano-Bicocca, Department of Psychology

“The signal and the noise: some lessons from the replicability crisis in Psychology”

11.10-11.30 Virtual Coffee break

11.30-13.00 Session 1 - VIRTUAL AND AUGMENTED REALITY

P1 Daniela Pacella and Davide Marocco “Investigating motivation and time perception in traditional and technology-enhanced methods for psychological assessment”

P7 Antonella Ferrara, Mariachiara Rapuano, Tina Iachini, Francesco Ruotolo and Gennaro Ruggiero “Not Too Close and Not Too Far: Comfort-Distance Towards Virtual Humans and Anthropomorphic Robot”

P8 Mariachiara Rapuano, Antonella Ferrara, Filomena Leonela Sbordone, Francesco Ruotolo, Gennaro Ruggiero and Tina Iachini “The Appearance of the Avatar Can Enhance the Sense of Co-Presence During Virtual Interactions with Users”

P16 Marco Grazioso, Maria Di Maro and Francesco Cutugno “What's that called?: A Multimodal Fusion Approach for Cultural Heritage Virtual Experiences”

13.00-14.30 Lunch

14.30-15.10 Session 2 - TECHNOLOGIES IN EDUCATION AND AT SCHOOL

P2 Francesco Iani, Teresa Limata and Monica Bucciarelli “The BBC project - Body Based Classrooms”

P3 Alice Tartarini, Elvis Mazzoni, Martina Benvenuti, Catia Prandi, Silvia Mirri and Sara Giovagnoli “Using educational robot and tablet to improve wayfinding in children”

15.10-15.30 Virtual Coffee break

15.30-17.00 Session 3 - AUTISM AND SPECIAL NEEDS

P4 Amon Rapp, Federica Cena, Claudio Mattutino, Claudio Schifanella, Noemi Mauro, Liliana Ardissono, Guido Boella, Stefania Brighenti, Romina Castaldo, Roberto Keller, Arianna Boldi and Maurizio Tirassa “How can we engage people to map places suitable for the autistic population? A crowdsourced approach”

P10 Daniela Conti, Grazia Trubia, Serafino Buono, Alessandro Di Nuovo and Santo Di Nuovo “Brief Review of Robotics in Low-Functioning Autism Therapy”

P25 Salvatore Vita, Angelo Rega, Luigi Iovino and Andrea Mennitto “TED”: Teaching Educational Device, a digital tool to educational practice for special needs

P30 Raffaele Nappo, Michele Iorio and Federica Somma “ASTRAS: a software for the assessment and training of executive functions in children”

17.00-17.30 Closing Remarks

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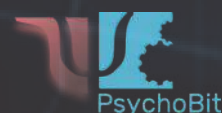
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10.00-11.30 Session 1 - INTERVENTIONS AND APPLICATIONS

P13 Michelle Semonella, Noa Vilchinsky, Rachel Dekel, Ieva Biliunaite, Giada Pietrabissa and Gerhard Andersson "SOSteniamoci: An internet-based intervention to support informal caregivers"

P14 Davide Cannata, Sam Redfern and Denis O'Hora "OpenFaceR: Developing an R Package for the convenient analysis of OpenFace facial information"

P17 Hayette Hadjar, Julian Lange, Binh Vu, Engel Felix, Mayer Gwendolyn, Paul Mc Kevitt and Matthias Hemmje "Video-Based Automated Emotional Monitoring In Mental Health Care supported by a Generic Patient Data Management System"

P15 Enrica Ciucci, Carolina Facci and Andrea Baroncelli "The associations between cyberbullying/ cyber victimization and emotion attribution to a fictional cyberbully and to a fictional cyber victim in a community sample of preadolescents"

P39 Giusi Antonia Toto and Pierpaolo Limone "Hybrid Digital Learning Environments for College Student Education"

11.30-12.00 Virtual Coffee break

12.00-13.00 Project Dissemination - Emotional Mediated Online Training for Introspection, Observation, Novelization and Expression (EMOTION.exe)

13.00-14.00 Lunch**14.00-15.00 VIDEO ABSTRACT**

P6 Federica Vallone, Elena Dell'Aquila, Maria Clelia Zurlo and Davide Marocco "'ACCORD' e-Platform: Development and Evaluation of an Innovative Multicultural Training for School Professionals"

P9 Giada Pietrabissa, Vanessa Bertuzzi, Emanuele Maria, Roberto Cattivelli and Gianluca Castelnuovo "nudging CHronic disease mANaGemEnt for empowering citizens: the CHANGE project"

P11 Andrea Baroncelli, Carolina Facci and Enrica Ciucci "The unique and interactive effects of callous-unemotional traits and internalizing emotion problems in the association to adolescents' generalized problematic Internet use"

P18 Maria Di Maro, Mohamed Diaoulé Diallo and Francesco Cutugno "Information-Processing Machines and the Access-Conscious Recognition of Common Ground Inconsistencies: A Proposal"

P19 Alessandro Rossi, Ashley Gearhardt, Gianluca Castelnuovo and Stefania Mannarini "Food addiction, emotional eating, binge eating behaviors, and different methods of assessment: comparing the total model effects of sequential mediation analysis"

P20 Alessandro Rossi, Ashley Gearhardt, Gianluca Castelnuovo and Stefania Mannarini "'Paper and pencil' vs. 'online' assessment: exploring measurement invariance of the Yale Food Addiction Scale 2.0 in inpatients with severe obesity and the general population"

P21 Anna Panzeri and Silvia Rossi Ferrario "Supporting rehabilitation patients with COVID-19 during the pandemic: experiences from a technology-based psychological approach"

P22 Federico Diano, Eliana Brunetti and Alessia Rosa "Diligo 2.0: a game to assess geometric and emotional competences in preschoolers"

- P23 Michela Ponticorvo, Fabrizio Ferrara, Marianna Mugione and Claudio Barbaranelli “The Big Five Game of Personality: a Digital Role-Playing Game to Assess and Train students on Big Five Theory”
- P24 Raffaele Di Fuccio, Monica Zampella and Orazio Miglino “STOP : a gamified approach to support obese patients in changing their health habits”
- P26 Raffaele Di Fuccio, Andrea Di Ferdinando, Franco Rubinacci, Fabrizio Ferrara, Federico Diano and Raffaele Calabretta “Qualitative Acceptance and Co-design of an App Aimed at Improving Emotional Intelligence for Precarious Workers”
- P27 Federica Somma, Raffaele Di Fuccio, Lavinia Lattanzio, Francesco Ferretti and Onofrio Gigliotta “Usability and engagement of a digital and multisensorial tool for immersive storytelling: a pilot study”
- P28 Annaleda Mazzucato, Vincenzo Caputo, Rosabel Roig Vila, Rosana Satorre Cuerda, Joanna Kic-Drgas, Joanna Woźniak, Colin Calleja, Elena Tanti Burlo, and Caroline Sundberg “Supporting Language Learning Strategies for Erasmus Students with a Mobile Tool Using Tangible User Interfaces and Interactive Storytelling: the EULALIA Approach”
- P29 Francesco Ciaramella, Elisa Anna Lorè and Angelo Rega “Memorization techniques: a literature review to verify the feasibility of implementing memorization techniques through tangible user interfaces”
- P32 Monica Murero, Salvatore Vita, Andrea Mennitto and Giuseppe D’Ancona “ARTIFICIAL INTELLIGENCE FOR DISABILITY Innovative Approaches to Speech, Language and Communication Needs”
- P33 Federica Somma and Onofrio Gigliotta “Computer simulations for teaching an AI algorithm: The case of psychology students struggling with Support Vector Machines”
- P34 Roberta Simeoli, Luigi Iovino, Angelo Rega and Davide Marocco “LI-AR: An integration of technology and ABA methodology to improve communicative behavior in autism”
- P35 Alessandro Rossi, Anna Parola and Stefania Mannarini “Can Online Assessment Be Trusted? A Pilot Study of Computer-based – vs. ‘Paper and pencil’ – Version of the Adult Self-Report 18-59”
- P36 Luca Fusco, Anna Parola and Luigia Simona Sica “Designing meaningful career tools: A proposal for an optimal use of technology in career guidance”
- P5 Flora Gatti and Fortuna Procentese “Being Involved in the Neighborhood through People-Nearby Applications: A Study Deepening Their Social and Community-Related Uses, Face-to-Face Meetings among Users, and Local Community Experience”
- P12 Antonietta Argiuolo and Michela Ponticorvo “ETAN platform and E-Baking Tray Task potentialities: new ways to solve old problems”
- P38 Luigia Simona Sica, Luca Fusco, and Tiziana Di Palma “The creative exploration function of technologies: topic and measure for identity”

15.00-17.30 - ALEAS: Official international presentation of ALEAS app: an adaptive tool for learning in statistics

- Introduction of the ALEAS project
- The potential of the APP

P37 Cristina Davino, Rosa Fabbricatore, Daniela Pacella, Domenico Vistocco and Francesco Palumbo “ALEAS: a tutoring system for teaching and assessing statistical knowledge”

- Hands-on session

17.30-18.00 Future direction & Open discussion



PsychoBit 2020 (Psychology-Based Technologies) in memoria di Antonio Cerrato, ricercatore e prezioso membro del Natural and Artificial Cognition Lab (NAC-LAB) del Dipartimento di Studi Umanistici dell'Università degli Studi di Napoli Federico II. Di fondamentale rilievo nel suo percorso accademico, la proficua collaborazione con l'Institut du Cerveau et de la Moelle Épineière di Parigi. Antonio aveva da poco conseguito il titolo di dottore di ricerca in Psicologia alla Federico II, lavorando allo sviluppo metodologico e tecnologico di un prototipo innovativo utilizzando interfacce tangibili applicato alle neuroscienze cognitive e il Technology Enhanced Assessment. Guidato dalla passione per il legame tra psicologia e tecnologia, ha accompagnato la nascita della prima edizione di questo convegno.

"Ad Antonio, presenza fondante e luminosa del nostro laboratorio. Alle tracce invisibili e a quelle tangibili che hai lasciato nella nostra memoria"

PsychoBit 2020 (Psychology-Based Technologies) in memory of Antonio Cerrato, researcher and precious member of the Natural and Artificial Cognition Lab (NAC-LAB) of University of Naples Federico in the Department of Humanities. Part of its academic path was the fruitful collaboration with the Institut du Cerveau et de la Moelle Épineière in Paris. Antonio focused its scientific interests on the topics of the PsychoBit conference: he recently got a PhD in Psychology in University of Naples Federico II working on the methodological and technological development of an innovative prototype using Tangible User Interfaces. The prototype is in the field of the cognitive neuroscience and Technology Enhanced Assessment. Driven by the passion for the cross-links between psychology and technology, he extensively worked on the born of the first edition of this conference.

"To Antonio, essential and bright presence of our lab, to the invisible traces and to tangible ones that you left on our memory"



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