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288

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Daniela Villani (Eds.)


# Pervasive Computing Paradigms for Mental Health

9th International Conference, MindCare 2019  
Buenos Aires, Argentina, April 23–24, 2019  
Proceedings

*Editors*

Pietro Cipresso   
IRCCS Istituto Auxologico Italiano  
Milan, Italy

Daniela Villani   
Catholic University of the Sacred Heart  
Milan, Italy

Silvia Serino   
Department of Clinical Neurosciences  
University of Lausanne  
Lausanne, Switzerland

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## Preface

We are delighted to introduce the proceedings of the ninth edition of MindCare—EAI International Conference on Pervasive Computing Paradigms for Mental Health, which took place at Belgrano University, Buenos Aires (April 23–24, 2019). In its nine editions, MindCare has gathered scientists and clinicians from more than 30 countries allowing for the creation of a multidisciplinary community that shares a common interest: understanding and advancing the state of the art by building innovative ideas in mental health care.

The emerging interface between technology and psychological research and practice has led to new opportunities for building new paradigms in mental health care, in parallel with compelling questions about how it is possible to promote and structure these changes to improve psychological well-being. The MindCare Conference discussed the use of innovative technologies for sustaining individual and social well-being in both healthy and clinical populations and it brought together a growing community of researchers and practitioners from different domains, including computer engineering, psychiatry, and psychology.

Thanks to the collaboration with the Aiglé Foundation, MindCare 2019 focused on the exploitation of the technological advancements to provide improved diagnosis and a better support to both healthy individuals and patients, as well as to extend the theoretical knowledge, grasping the interest of an extraordinary audience of 200 registered participants.

The technical program of MindCare 2019 consisted of 22 full papers. Aside from the high-quality paper presentations, the technical program also featured three keynote speakers—Prof. Cristina Botella from Jaume I University, Spain; Prof. Giuseppe Riva from Catholic University of the Sacred Heart, Italy; and Prof. Pim Cuijpers from Vrije University, The Netherlands—who proposed three meaningful and inspiring theoretical proposals to highlight how to use technologies for monitoring and maintaining mental health.

Coordination with the steering chair, Prof. Imrich Chlamtac, and with the local chair, Beatriz Gómez, was fundamental for the success of the conference. It was also a great pleasure to work with an excellent Technical Program Committee led by Dr. Daniela Villani, which provided a high-quality peer-review process for all the submitted papers.

We would like to warmly thank Prof. Hector Fernandez-Alvarez, Emeritus Professor at Universidad de Belgrano, and Prof. Andres Roussos, Professor at Universidad de Buenos Aires, for their active participation and discussion during the conference. We also acknowledge the European-funded project “BodyPass” – API-ecosystem for cross-sectorial exchange of 3D personal data (H2020-779780)—for supporting the event.

We strongly believe that MindCare 2019 provided a good forum for all researchers, developers, and practitioners to discuss all technological aspects that are relevant to mental health, as indicated by the contributions presented in this volume.

June 2019

Pietro Cipresso  
Silvia Serino  
Daniela Villani



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# Contents

|  |     |
|--|-----|
| Virtual-Reality Music-Based Elicitation of Awe: When Silence Is Better Than Thousands Sounds . . . . .   | 1   |
| <i>Alice Chirico and Andrea Gaggioli</i>   |     |
| Clara: Design of a New System for Passive Sensing of Depression, Stress and Anxiety in the Workplace . . . . .   | 12  |
| <i>Juwon Lee, Megan Lam, and Caleb Chiu</i>  |     |
| System of Nudge Theory-Based ICT Applications for Older Citizens: The SENIOR Project . . . . .   | 29  |
| <i>Giada Pietrabissa, Italo Zoppis, Giancarlo Mauri, Roberta Ghiretti, Emanuele Maria Giusti, Roberto Cattivelli, Chiara Spatola, Gian Mauro Manzoni, and Gianluca Castelnuovo</i>   |     |
| Virtual Reality for Anxiety and Stress-Related Disorders: A SWOT Analysis . . . . .  | 43  |
| <i>Javier Fernández-Alvarez, Desirée Colombo, Cristina Botella, Azucena García-Palacios, and Giuseppe Riva</i>   |     |
| Experiencing Dementia from Inside: The Expediency of Immersive Presence . . . . .  | 55  |
| <i>Francesca Morganti</i>  |     |
| Psychological Correlates of Interoceptive Perception in Healthy Population. . . . .  | 71  |
| <i>Daniele Di Lernia, Silvia Serino, and Giuseppe Riva</i>   |     |
| Development of a Computational Platform to Support the Screening, Surveillance, Prevention and Detection of Suicidal Behaviours . . . . .  | 83  |
| <i>Juan Martínez-Miranda, Antonio Palacios-Isaac, Fernando López-Flores, Ariadna Martínez, Héctor Aguilar, Liliana Jiménez, Roberto Ramos, Giovanni Rosales, and Luis Altamirano</i> |     |
| Anthropometry and Scan: A Computational Exploration on Measuring and Imaging . . . . .   | 102 |
| <i>Michelle Toti, Cosimo Tuena, Michelle Semonella, Elisa Pedrolì, Giuseppe Riva, and Pietro Cipresso</i>  |     |
| Immersive Episodic Memory Assessment with 360° Videos: The Protocol and a Case Study . . . . .   | 117 |
| <i>Claudia Repetto, Silvia Serino, Mauro Maldonato, Teresa Longobardi, Raffaele Sperandeo, Daniela Iennaco, and Giuseppe Riva</i>  |     |

An Internet-Based Intervention for Depressive Symptoms: Preliminary Data on the Contribution of Behavioral Activation and Positive Psychotherapy Strategies . . . . . 129  
*Sonia Romero, Adriana Mira, Juana Bretón-Lopez, Amanda Díaz-García, Laura Díaz-Sanahuja, Azucena García-Palacios, and Cristina Botella*

Usability of a Transdiagnostic Internet-Delivered Protocol for Anxiety and Depression in Community Patients . . . . . 147  
*Amanda Díaz-García, Alberto González-Robles, Javier Fernández-Álvarez, Diana Castilla, Adriana Mira, Juana María Bretón, Azucena García-Palacios, and Cristina Botella*

How Can We Implement Single-Case Experimental Designs in Group Therapy and Using Digital Technologies: A Study with Fibromyalgia Patients . . . . . 157  
*Carlos Suso-Ribera, Guadalupe Molinari, and Azucena García-Palacios*

An Attempt to Estimate Depressive Status from Voice. . . . . 168  
*Yasuhiro Omiya, Takeshi Takano, Tomotaka Uraguchi, Mitsuteru Nakamura, Masakazu Higuchi, Shuji Shinohara, Shunji Mitsuyoshi, Mirai So, and Shinichi Tokuno*

Usability, Acceptability, and Feasibility of Two Technology-Based Devices for Mental Health Screening in Perinatal Care: A Comparison of Web Versus App . . . . . 176  
*Verónica Martínez-Borba, Carlos Suso-Ribera, and Jorge Osma*

Feasibility and Utility of Pain Monitor: A Smartphone Application for Daily Monitoring Chronic Pain . . . . . 190  
*Irene Jaén, Carlos Suso-Ribera, Diana Castilla, Irene Zaragoza, and Azucena García-Palacios*

Discrimination of Bipolar Disorders Using Voice . . . . . 199  
*Masakazu Higuchi, Mitsuteru Nakamura, Shuji Shinohara, Yasuhiro Omiya, Takeshi Takano, Hiroyuki Toda, Taku Saito, Aihide Yoshino, Shunji Mitsuyoshi, and Shinichi Tokuno*

Exploring Affect Recall Bias and the Impact of Mild Depressive Symptoms: An Ecological Momentary Study . . . . . 208  
*Desirée Colombo, Carlos Suso-Ribera, Javier Fernandez-Álvarez, Isabel Fernandez Felipe, Pietro Cipresso, Azucena Garcia Palacios, Giuseppe Riva, and Cristina Botella*

Full Body Immersive Virtual Reality System with Motion Recognition Camera Targeting the Treatment of Spider Phobia. . . . . 216  
*Jacob Kritikos, Stavroula Pouloupoulou, Chara Zoitaki, Marilina Douloudi, and Dimitris Koutsouris*

Evaluation of a Self-report System for Assessing Mood Using Facial Expressions . . . . . 231  
*Hristo Valev, Tim Leufkens, Corina Sas, Joyce Westerink, and Ron Dotsch*

Testing a Deactivated Virtual Environment in Pathological Gamblers’ Anxiety . . . . . 242  
*Michelle Semonella, Pietro Cipresso, Cosimo Tuena, Alessandra Parisi, Michelle Toti, Aurora Elena Bobocea, Pier Giovanni Mazzoli, and Giuseppe Riva*

Promoting Wellbeing in Pregnancy: A Multi-component Positive Psychology and Mindfulness-Based Mobile App. . . . . 250  
*Claudia Carissoli, Giulia Corno, Stefano Montanelli, and Daniela Villani*

Beyond Cognitive Rehabilitation: Immersive but Noninvasive Treatment for Elderly . . . . . 263  
*Elisa Pedrolì, Pietro Cipresso, Silvia Serino, Michelle Toti, Karine Goulen, Mauro Grigioni, Marco Stramba-Badiale, Andrea Gaggioli, and Giuseppe Riva*

Correction to: Full Body Immersive Virtual Reality System with Motion Recognition Camera Targeting the Treatment of Spider Phobia. . . . . C1  
*Jacob Kritikos, Stavroula Pouloupoulou, Chara Zoitaki, Marilina Douloudi, and Dimitris Koutsouris*

**Author Index . . . . . 275**