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Pervasive Computing Paradigms for Mental Health

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

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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

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