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Pietro Cipresso · Silvia Serino
Yuri Ostrovsky · Justin T. Baker (Eds.)

Pervasive Computing Paradigms for Mental Health

7th International Conference, MindCare 2018 Boston, MA, USA, January 9–10, 2018 Proceedings

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Preface

The incredible diffusion of technology in psychology and neuroscience research and practice has created relevant opportunities, but has also opened new research questions that deserve attention.

This strong synergy between mental health care and technology has found in the Mindcare Symposium a place to meet. In its seven editions, the MindCare Symposium has gathered researchers and practitioners from technological, medical, and psychological disciplines from more than 30 countries creating a strong community to share a common passion for building new computing paradigms and for addressing a multitude of challenges in mental health care.

The 7 International Symposium on Pervasive Computing Paradigms for Mental Health was held at the Massachusetts Institute of Technology's Samberg Conference Center in Cambridge, Massachusetts, in January 2018.

The symposium explored how advanced computing and communication technologies (from the use of wearables sensors and ecological virtual environments, to the use of big data and machine learning techniques or voice-user interfaces) can be used to support and promote well-being through objective continuous data collection and personalized treatments.

Two distinguished keynote speakers, Prof. Giuseppe Riva and Prof. Justin T. Baker, support these reflections with two interesting theoretical proposals investigating the use of technologies in monitoring and maintaining mental health.

We would like to strongly thank Prof. Emilio Bizzi, Emeritus Institute Professor at MIT, for his active participation and discussion during the symposium. We also acknowledge the European-funded project "BodyPass" – API-ecosystem for cross-sectorial exchange of 3D personal data (H2020-779780) — for supporting the event.

Pietro Cipresso
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