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Smart Health

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Preface

Advancing informatics for health care and health-care applications has become an international research priority. There is increased effort to leverage information systems and data analytics to transform reactive care to proactive and preventive care, clinic-centric to patient-centered practice, training-based interventions to globally aggregated evidence, and episodic response to continuous well-being monitoring and maintenance. The annual International Conference for Smart Health (ICSH), which originated in 2013, intends to provide a forum for the growing international smart health research community to discuss the technical, practical, economic, behavioral, and social issues associated with smart health.

ICSH 2018 was organized to mainly discuss the principles, frameworks, new applications, and effects of using big data and AI technology to address health-care problems and improve social welfare. It successfully attracted scholars working on smart hospital, online health community, mobile health, medical big data and health-care machine learning, chronic disease management, and health informetrics. We are pleased that many high-quality papers were submitted, accompanied by evaluations with real-world data or application contexts. The work presented at the conference encompassed a healthy mix of information system, computer science, health informetrics, and data science approaches.

ICSH 2018 was held in Wuhan, China. The two-day event encompassed presentations of 35 papers. The organizers of ICSH 2018 would like to thank the conference sponsors for their support and sponsorship, including the School of Information Management at Wuhan University and the China National Science Foundation Project No. 71573197. We further wish to express our sincere gratitude to all Program Committee members of ICSH 2018, who provided valuable and constructive reviews.

November 2018

Hsinchun Chen
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