Hamdi Aloulou · Bessam Abdulrazak ·
Antoine de Marassé-Enouf ·
Mounir Mokhtari (Eds.)

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Participative Urban Health and Healthy Aging in the Age of AI

19th International Conference, ICOST 2022
Paris, France, June 27–30, 2022
Proceedings

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Preface

This year we organized the 19th edition of the International Conference on Smart Living and Public Health (ICOST 2022), a series which has succeeded in bringing together a community from different continents for almost 20 years and raised awareness about frail and dependent people's quality of life in our societies.

After 18 very successful conferences held in France (2003, 2009, 2017), Singapore (2004, 2013, 2018), Canada (2005, 2011), Northern Ireland (2006), Japan (2007), the USA (2008, 2014, 2019), South Korea (2010), Italy (2012), Switzerland (2015), China (2016), and Tunisia (2020), this 19th edition of the conference was organized by the Institut Mines-Télécom (IMT), Paris, France, and held during June 27–28, 2022. The conference was organized as an official event of the French Presidency of the Council of the European Union. The theme of the conference was "Participative Urban Health and Ageing Well in the Age of AI."

ICOST 2022 provided a premier venue for the presentation and discussion of research on the design, development, deployment, and evaluation of AI for health, smart urban environments, assistive technologies, chronic disease management, and coaching and health telematics systems. ICOST 2022 aimed to understand and assess the diverse and disparate impact of digital technologies on public health in developing and developed countries. It brought together stakeholders from health care, public health, academia, and industry along with end users and family caregivers to explore how to utilize technologies to foster health, disease prevention, and independent living and offer an enhanced quality of life. The ICOST 2022 conference featured a dynamic program incorporating a range of oral and poster presentations along with panel sessions.

ICOST 2022 was proud to extend its hospitality to an international community consisting of researchers from major universities and research centers, representatives from industry, and users from 17 different countries. We would like to thank the authors for submitting their current research work and the Program Committee members for their commitment to reviewing submitted papers. The ICOST proceedings and chapters have now reached over 400,000 downloads and are in the top 25% of downloads of Springer LNCS. We are extremely thankful to our sponsors for their commitment and support to the vision and mission of ICOST.

June 2022

Hamdi Aloulou
Bessam Abdulrazak
Antoine de Marassé-Enouf
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