



Systems, Applications and Services for Smart Health

Guest Editors:

Dr. Sten Hanke

eHealth Institute, FH JOANNEUM
University of Applied Sciences,
8020 Graz, Austria

Prof. Dr. Christopher Nugent

School of Computing, Ulster
University, 2-24 York Street,
Belfast BT15 1AP, UK

**Dr. Mohammad Hossein
Zoualfaghari**

Applied Research, BT
Technology, UK

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

Changing infrastructure and new ICT developments are leading to new health services and applications. Mobile Health solutions and medical Internet of Things devices, together with clinical wearables, mobile Apps, fitness trackers, digital diagnostics, and mobile health monitoring, will provide increased levels of data about our health and lifestyle in a continuous manner. Health data measurements are shifting from infrequent to frequent information retrieval and providing additional information for medical technology-reported outcomes. Extracted digital biomarkers will feed prediction models which can simulate the short-term and long-term effects of established behavioral interventions in addition to simulating potential new interventions of interest. Based on the simulation results of these interventions, current care pathways can be adapted and personalized to specific patient contexts and phenotypic characteristics. As a direct result, instead of curing diseases, new health services can help to maintain health and a healthy lifestyle within a healthy environment.

Dr. Sten Hanke

Prof. Dr. Christopher Nugent

Dr. Mohammad Hossein Zoualfaghari

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an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Pierluigi Siano

Department of Management and
Innovation Systems, University of
Salerno, 84084 Salerno, Italy

Message from the Editor-in-Chief

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Smart Cities Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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