

IMCL2021

"New Realities, Mobile Systems and Applications"

Mediterranean Palace Hotel*, Thessaloniki, 4-5 November 2021

** IMCL2021 is planned as a hybrid event (remote & onsite presentations will be supported)*

Special Session Call for Papers

Social Networks, Health care and Artificial Intelligence (SHAI)

Overview

The explosion of data to be analyzed (big data era) and the availability of high-performance computing means have contributed enormously to the development of data science techniques which are widely used in several fields of fundamental science research. The large volume of data, as well as the automation of techniques, has generated fertile ground for the use of artificial intelligence and in particular machine learning techniques.

Besides, wireless technology has been developed and used widely and led to the emergence of a wide range of applications in healthcare, mobile healthcare, social networking, etc.

Among these applications, healthcare, mobile health, and smart health are considered the most promising and most important, this is mainly due to their positive impact on the quality of life of patients.

Furthermore, mobile healthcare technology helps improve the quality of care administered to patients providing clinical and critical care in ways that help them follow up on their disease. Therefore, patients can be treated and cared for from anywhere, at any time. In addition, mobility helps patients track their recovery with remote monitoring tools and follow what doctors prescribed.

Finally, our aim is to gather researchers in this field of research and allow them to share their ideas and conceptual approaches and discuss the recent advances in this field.

We invite researchers, developers, and all those working in this area to submit work under the following topics:

Topics

Topics of interest include, but are not restricted to:

- New trends in Mobile Learning and training with online Health Care
- Social Media and Mobile Technologies for Healthcare
- Internet of things and health care applications
- Mobile Health care applications
- Health and Big Data Analytics
- Machine Learning in Medical Care
- Machine Learning for drug design
- Deep learning in Medical Care
- Mobile Health Security and Privacy Issues
- Remote Access to Health Care
- Mobile Portals and Telemedicine
- Data Analytics and Medical IoT
- Network Infrastructures and architectures for Mobile Healthcare
- Social network for health care.
- Social Network Analysis.

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NB: Papers may address one or more of the above listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable.

Contribution Types

Papers for the Special Session should have between 8 and 10 pages.

All submissions will be peer-reviewed by at least two reviewers. Accepted papers will be included in the conference proceedings if at least one author pays the registration fee AND the paper is presented. The conference proceedings will be published as IMCL2021 Proceedings in the Springer series "[Advances in Intelligent Systems and Computing](#)".

For further questions, please contact the track chair(s).

Presentation Types

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Important Dates

10 Jul 2021 Submission of complete papers for special sessions
26 Jul 2021 Notification of acceptance
06 Sep 2021 Camera-ready due & author registration deadline
04 Nov 2021 IMCL2021 Conference Opening

Submission

Please visit: <https://www.conftool.org/imcl-conference> and submit your paper by selecting the respective special session.

Program Committee

Chair(s)

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