



CALL FOR PAPERS

ICSMDT 2021
Apr 08-09, 2021
Rome, Italy

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICSMDT 2021 : International Conference on Smart Medical Devices and Technologies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Smart Medical Devices and Technologies. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Engineering smart sensors and actuators into usable devices
Integrating smart devices into patient health systems
Emerging commercial integration platforms
Integrating patient systems with hospital infrastructure
mHealth initiatives
Emerging mHealth data broker platforms
Interoperability on all levels
Coping with heterogeneity
Coping with variability
Low power cryptography
Roaming
Patient in the loop

Integrated medical systems as cyber physical systems
Regulatory and legal issues
Continuous quality assessment
Challenges for statistical analysis
Managing data
Security and privacy
Blending mentalities and skills
Applications of computational intelligence / soft computing / artificial intelligence methods
to:
Medical system modelling
Adaptivity and autonomicity issues for sets of medical devices
Knowledge discovery and pattern recognition from medical data
Surgical medical devices