



# CALL FOR PAPERS

**ICSMDMA 2021**  
**Feb 25-26, 2021**  
**Buenos Aires, Argentina**

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.

ICSMDMA 2021 : International Conference on Smart Medical Devices and Mobile Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Smart Medical Devices and Mobile Applications. 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