



CALL FOR PAPERS

ICBAN 2020
Apr 16-17, 2020
Cape Town, South Africa

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.

ICBAN 2020 : International Conference on Body Area Networks is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Body Area Networks. 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:

Ambient assisted living
Ambient intelligence
Assistive technologies for independent aging
Augmented reality
BAN architectures and protocols
Body Area Networks
Body Sensor Networks
Cloud computing and BANs
Cognitive networks for medical bands
Communications and Networking
Context and situation awareness
Delay-tolerance, fault-tolerance and reliability in BANs
Design and performance issues

Embedded Devices and Medical Applications
High-confidence medical devices
Integration of medical devices with healthcare systems
Medical device plug-and-play
Mobile Device Integration
Modeling, simulations and empirical experiments
Motion detection and activity recognition
New medical diagnostics and treatments
Personal Area Networks Healthcare Applications
Personal Video Devices
Pervasive health care and patient monitoring
Pervasive user interface
Power-efficient communications