



CALL FOR PAPERS

ICBSE 2019
Dec 30-31, 2019
Paris, France

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.

ICBSE 2019 : International Conference on Biomechatronic System Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Biomechatronic System Engineering. 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:

Biomechatronics design philosophy
Biomedical robotics, robotics for
orthopedics/medical/visceral/muscul
skeletal surgery
Rehabilitation robotics, robotics
for stroke patients, wearable
medical devices
Microelectronics, embedded signal
processing, low-power design
Bioelectromagnetism, electrical
bioimpedance, implantable
electronics, biomaterials
Bio-related MEMS, biomechanical
devices, nanotechnologies
New tools for surgical
education/training
New materials, new
sensing/actuation technology,
health monitoring devices

Assistive technology for the
injured, elderly and disabled;
haptic, sensor technologies
Medical imaging/visualization,
simulation/navigation, virtual
reality, intuitive command/control
Design of devices/systems requiring
computer-based intelligence
Biomechatronic systems/biosystems
modelling/simulation, system
identification
Advanced control for improving
system performance, computer
integration design
Networked biomechatronic systems
for remote
sensing/monitoring/diagnosis
Mechatronic systems fault
diagnosis/tolerance