



# 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