



When submitting your Abstract or Paper
you will need to select a Stream and Sub Theme from the list below.

A. Biomaterials and Tissue Engineering

1. Biocompatibility
2. Ceramics
3. Controlled Drug Delivery
4. Dental Materials
5. Nature Materials
6. Pharmaceutical Science and Engineering
7. Metals & Polymers
8. Regenerative Medicine
9. Stem cells
10. Tissue Engineering

B. Biomechanics and Computational Bioengineering

1. Biomimetics
2. Cardiovascular Mechanics
3. Cell Mechanics
4. Computational Mechanics
5. Dental Mechanics
6. Human Movement
7. Mechanobiology
8. Molecular Biomechanics
9. Musculoskeletal Mechanics
10. Orthopaedics
11. Physiological Modelling
12. Sports Biomechanics
13. Tissue & Organ Mechanics
14. Prosthetics

C. Biomedical Images and Signals

1. Bioelectronics
2. Image Guided Intervention
3. Image Processing
4. Medical Imaging
5. Optical Imaging
6. Optoelectronics
7. Signal Processing

D. Biosensors

1. Biochips
2. BioMEMS
3. Lab-on-Chip
4. Microarrays
5. Micro/Nano fabrication
6. Micro/Nano fluidics
7. Micro-Total Analysis Systems
8. Organ-on-Chip

E. Medical Devices and Instrumentation

1. Biomedical Devices
2. Diagnostic Devices
3. Wearable and Implantable Devices
4. Therapeutics Devices
5. Surgical Tools
6. Software and the Medical "App"

F. Biomedical Robotics and Surgical Technology

1. Computer Assisted Surgery
2. Bio- and Medical Robotics
3. Bioinstrumentation and Control
4. Soft Robotics

G. Neuroengineering

1. Brain-Machine Interface
2. Clinical and Translational Neuroengineering
3. Cognitive Engineering
4. Neurotechnology
5. Neurotherapeutics

H. Rehabilitation Engineering

1. Assistive Technology
2. Seating Services
3. Functional Electrical Stimulation
4. Rehabilitation Devices and Innovations

I. Clinical Engineering

1. Medical Device Regulation
2. Medical Devices on IT networks
3. Medical Devices security
4. Human Factors and Safety in Medical Equipment
5. Health Technology Management
6. Horizon Scanning
7. Medication Errors
8. Infection Prevention and Control in Medical Devices

J. Special Topics

1. Bioethics
2. Biomedical Engineering Education
3. Technical Report and Specification Writing
4. The Internet of Things
5. Disruptive Technologies