



CALL FOR PAPERS

ICSIMBSPM 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.

ICSIMBSPM 2020 : International Conference on Simulation, Imaging and Modelling for Biomedical Systems and Physiological Models is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Simulation, Imaging and Modelling for Biomedical Systems and Physiological Models. 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:

BioMedical/microscopy image enhancement
Biomedical/microscopy image quality assessment
Biomedical/microscopy image analysis
Computational approaches for cytology and histology
Computer-aided diagnosis
Neuro imaging
BioMedical/microscopy image databases
Machine learning and artificial intelligence
Image segmentation, registration, and fusion

Interventional imaging systems
Image-guided interventions and surgery
Surgical and interventional simulation systems
Interventional tracking and navigation
Surgical planning and simulation
Surgical visualization and mixed, augmented and virtual reality
Digital twins and end-user development in biomedicine
Interventional software and user interfaces
Physiological models