



CALL FOR PAPERS

ICAHFM 2020
Jul 13-14, 2020
Ottawa, Canada

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.

ICAHFM 2020 : International Conference on Artificial Hearts and Fluid Mechanics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Artificial Hearts and Fluid Mechanics. 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:

Artificial hearts
Early designs of total artificial hearts
First clinical applications
Ventricular assistant devices and total artificial hearts
Implantation surgery
Total artificial heart prototypes
Soft artificial heart
Hybrid assistive devices
Artificial heart valve
Mechanical valves
Types of mechanical heart valves

Durability
Cavitation
Artificial heart fluid mechanics
Turbulent flow
Blood damage
Tissue valves
Functional requirements of heart valve prostheses
Design challenges of heart valve prostheses
Replaceable models of heart valve prostheses
Future perspectives on total artificial hearts