



CALL FOR PAPERS

ICAAAT 2020
Jul 17-18, 2020
Helsinki, Finland

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.

ICAAAT 2020 : International Conference on Aerodynamics, Aeroacoustics and Aeroelasticity of Turbomachines is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Aerodynamics, Aeroacoustics and Aeroelasticity of Turbomachines. 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:

Aerodynamics, Aeroacoustics and Aeroelasticity of Turbomachines
Unsteady blade row aerodynamics, including rotor/stator interaction
Blade-passing and low-order forced response
Compressor and turbine flutter
Compressor stall and surge
Vibration of bladed disks including mistuning
Multi-stage/multi-component interactions and distortion effects

Compressor, turbine, seal and combustor instabilities
Aeroacoustics and acoustic resonance
Control of unsteady flow, flutter/forced response and noise in turbomachines
Computational (including design/optimization) methods and applications
Experimental and instrumentation methods and applications
Validation benchmark test cases and data