

OCTOBER 17 - 19th

The promise of 2050, when the Power is Clean
and Global Travel is Electrifying



CALL FOR PAPERS

INTERNATIONAL TECHNICAL CONFERENCE 2023

We are extremely pleased to announce that our 2023 Technical Conference will be taking place in Hong Kong this October 2023. As a turbomachinery community of engineers and scholars, we address global energy issues such as the uncertainty of energy supply, the opportunity for renewable and decarbonization technologies, and advanced system design for flexibility and resilience.

Abstract Submission

Authors should submit an abstract of 100 - 200 words through the [GPPS webtool](#), upload instructions for EasyChair can be [downloaded here](#).

Student paper competition will be held, and you should indicate your participation during submission. To qualify for this exercise, a student must be the lead and presenting author.

Final acceptance of papers will be determined by peer review of the draft manuscripts and approval of final papers by the Review Chair. If warranted by review, papers may also be recommended for publication in the [GPPS associated journal](#).

One author for each paper published in the conference must attend to present live in Hong Kong. A registration fee is required.

All presented papers will be published in the conference proceedings, with selected papers published in the [GPPS associated journal](#) after the event.



Conference Chair
Prof. Lixi Huang
The University of
Hong Kong, China



Review Chair
Prof. Budimir Rosic
University of Oxford,
UK



Review Co-Chair
Prof. Dingxi Wang
Northwestern Polytechnical
University, China

Technical Program Chairs
to be announced shortly.

Review Timeline

Abstract Submission:
8th March, 2023

Abstract Acceptance:
17th March, 2023

Full Paper Submission:
30th April, 2023

Paper Acceptance:
17th July, 2023

Revised Paper Submission:
14th August, 2023

Revised Paper Acceptance:
29th August, 2023

Final File Submission:
4th September, 2023

Join us for the 3rd GPPS CFD
Workshop, taking place
pre-conference, on
October 16th, 2023.



Submission Research Topics

Authors from across the globe are invited to submit abstracts between 100 - 200 words related to the following topics:

- Aeroacoustics & Noise
- Combustor & Combustion
- Deposition, Erosion, Fouling & Icing in Gas Turbines
- Ducts, Nozzles, Exhausts & Component Interaction and Integration

- Energy Systems & Carriers
- Energy Transition & Renewables
- Heat Transfer
- Instrumentation, Control, Testing, Monitoring & Diagnostics
- Secondary Air System & Sealing
- Mechanics and Materials

- Supercritical CO₂
- Thermodynamic Cycles for Power and Propulsion
- Turbomachinery Aerodynamics
- Turbomachinery Aeroelasticity
- Turbomachinery Unsteady Aerodynamics
- Pumps

Based on paper submissions, some topics may be subdivided or merged into sessions.

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