GPPS | CFD Turbomachinery Workshop 2022 — 11th September
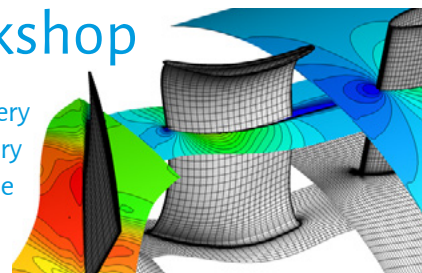
Global Power & Propulsion

GPPS 2nd Turbomachinery CFD Workshop

During the Workshop we look forward to improving users' trust in turbomachinery RANS analysis by conducting a validation and verification of some turbomachinery RANS solvers using TUDa-GLR-OpenStage Transonic Axial Compressor and the BUAA Low Speed Large Scale Axial Compressor-Stage B

Schedule

Local Time Greece

Time	Session
14:00	**Introduction to the Workshop** Welcome message by Dingxi Wang (Northwestern Polytechnical University)
14:10	**Introduction to the TUDa compressor** Fabian Klausmann (Technical University Darmstadt)
14:40	**Summary of Participants' results: TUDa compressor)** Xiao He (Imperial College)
14:55	**Presentation** Dongming Cao (Northwestern Polytechnical University)
15:10	**Presentation** Wei Sun (Aero Engine Academy of China)
15:25	**Presentation** Giuseppe Bruni (Siemens Energy)
15:40	**Presentation** Naoki Tani (IHI Corporation)
15:55	**Presentation** Domenico Mendicino (Cadence Design Systems)
16:10	**Presentation** Michael Ni (ADS CFD Inc.)
16:25	**Open Discussions**
16:30	**Coffee Break**
17:00	**Summary of Participants' results: BUAA Stage-B** Shenren Xu (Northwestern Polytechnical University)
17:30	**Presentation** Domenico Mendicino (Cadence Design Systems)
17:45	**Presentation** Naoki Tani (IHI Corporation)
18:00	**Open Discussions**
18:05	**Wrap-up and outlook (5 minutes)** Dingxi Wang (Northwestern Polytechnical University)

Workshop Organizers

Workshop Chair
Dingxi Wang (**Northwestern Polytechnical University**)

Imperial College London
Mehdi Vahdati, Xiao He

Northwestern Polytechnical University
Shenren Xu, Dongming Cao

SIEMENS Energy
Senthil Krishnababu

Cadence Design Systems
Domenico Mendicino, Benoit Tartinville

Beihang University
Guangfeng An, Xianjun Yu

Technical University Darmstadt
Fabian Klausmann

For more information please visit our event website. www.gpps.global/gpps-2nd-cfd-workshop