



**Turbo Expo 2020**  
**June 22 – 26, 2020**  
**ExCeL London Convention Center, London England**

## **Tutorial of Basics Tracks**

- Aircraft Engine
- Ceramics
- Coal, Biomass, Hydrogen & Alternative Fuels
- Combustion, Fuels and Emissions
- Controls, Diagnostics & Instrumentation
- Cycle Innovations
- Education
- Electric Power
- Fans and Blowers
- Heat Transfer (Joint with Combustion, Fuels & emissions): Combustors
- Heat Transfer (Joint with Turbomachinery): Internal Air Systems and Seals
- Heat Transfer: Film Cooling
- Heat Transfer: General Interest
- Heat Transfer: Internal Cooling
- Heat Transfer: Tutorials
- Industrial & Cogeneration
- Manufacturing Materials & Metallurgy
- Marine
- Microturbines & Small Turbomachines
- Oil & Gas
- Organic Rankine Cycle Power Systems
- Steam Turbines
- Structures & Dynamics: Aerodynamic Excitation & Damping
- Structures & Dynamics: Bearing & Seal Dynamics
- Structures & Dynamics: Emerging Methods in Design & Engineering (General)
- Structures & Dynamics: Fatigue, Fracture & Life Prediction
- Structures & Dynamics: Probabilistic Methods
- Structures & Dynamics: Rotordynamics

- Structures & Dynamics: Structural Mechanics, Vibration & Damping
- Student Advisory
- Student Poster
- Supercritical CO2
- Turbomachinery: Axial Flow Fan & Compressor Aerodynamics
- Turbomachinery: Axial Flow Turbine Aerodynamics
- Turbomachinery: Deposition, Erosion, Fouling, and Icing
- Turbomachinery: Design Methods & CFD Modeling for Turbomachinery
- Turbomachinery: Ducts, Noise & Component Interactions
- Turbomachinery: General Interest
- Turbomachinery: Multidisciplinary Design Approaches, Optimization & Uncertainty
- Turbomachinery: Radial Turbomachinery Aerodynamics
- Turbomachinery: Tutorials
- Turbomachinery: Unsteady Flows in Turbomachinery
- Wind Energy

