



NICFD 2018

for Propulsion & Power

CONFERENCE OBJECTIVES

NICFD is devoted to all innovative aspects of the fluid-dynamics of compressible fluid flows, with a special emphasis on the progress in research and applications related to the field of propulsion and power. Key themes include the following areas:

- ▶ Experiments
- ▶ Fundamentals
- ▶ Numerical methods
- ▶ Optimization and UQ
- ▶ Critical and supercritical flows
- ▶ Turbulence and mixing
- ▶ Multi-component fluid flows
- ▶ Applications in ORC power systems
- ▶ Applications in scCO₂ power systems
- ▶ Steam turbines
- ▶ Cryogenic flows
- ▶ Condensing flows in nozzles
- ▶ Cavitating flows
- ▶ Super/Transcritical fluids in space propulsion

ORGANIZING COMMITTEE

Prof. Francesca di Mare (Chair)
Ruhr University Bochum

Prof. Andrea Spinelli (Co-Chair)
Politecnico di Milano

Prof. Matteo Pini (Co-Chair)
Delft University of Technology

IMPORTANT DATES

Abstract submission deadline*
July 31st, 2018

*Deadline can be extended on discretion of the Committee in exceptional cases

Confirmation of abstract acceptance
August 31st, 2018

Final registration and payment deadline
September 15th, 2018

VENUE

The seminar will be held in **Bochum**, Germany, on **October 4-5, 2018**, in the convention center of the **Ruhr University**.

KEYNOTE SPEAKERS

Prof. Matthias Ihme
Stanford University

Prof. Michael Pfitzner
Universität der Bundeswehr München

Dr. Alexis Giauque
École Centrale de Lyon

Prof. Jeong Ik Lee
Korea Advanced Institute of Science and Technology

CONTACT

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