

2022
FMC



XXV FLUID MECHANICS CONFERENCE 7-9 SEPTEMBER 2022 - RZESZÓW, POLAND

Conference Topics

The conference topics include, but are not limited to:

- Aerodynamics
- Biological Flows
- Combustion
- Computational Fluid Dynamics
- Experimental Fluid Mechanics
- Flow Control and Optimisation
- Flow Machinery
- Geophysical and Environmental Flows
- General Fluid Dynamics
- Interdisciplinary Areas in Heat and Fluid Flow
- Measurement Techniques
- Micro- and Nano- flows
- Multi-phase Flows
- Turbulence

Important Dates

- 1 December 2021 - Start on-line registration
- 1 February 2022 - Abstract submission deadline
- 1 March 2022 - Notification of abstracts acceptance
- 1 May 2022 - Full paper submission deadline

FMC 2022 Secretariat

fmc2022@prz.edu.pl

Invited Lectures

Prof. Ali Beskok (*Mechanical Engineering Department, Southern Methodist University, USA*)

Fluid Flow in Nanoconfined Geometries

Prof. Andrzej Herczyński (*Department of Physics, Boston College, USA*)

From Depicting to Deploying Fluids in Art

Prof. Krzysztof Kempa (*Department of Physics, Boston College, USA*)

Fluid Dynamics in Condensed Matter Plasmas

Prof. Nicholas Lawson (*Faculty of Engineering, School of Aerospace, Mechanical & Mechatronic Engineering, The University of Sydney, Australia*)

Validating a Flight Test Method for Propeller Thrust Estimation

Prof. Duncan Lockerby (*The University of Warwick, Coventry, UK*)

Exploring Micro and Nanoflows: Modelling and Simulation

Prof. Beverley McKeon (*Graduate Aerospace Laboratory, California Institute of Technology, USA*)

Experiments, Simulation and Modeling in Wall Turbulence: Towards "Designer Turbulence"

Prof. Bernd R. Noack (*LIMSI, Paris-Saclay, France; TU Berlin and TU Braunschweig, Germany; Harbin Institute of Technology, Shenzhen, China*)

Turbulence Control - Better, Faster and Easier with Machine Learning



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<http://fmc2022.prz.edu.pl/>