

Information

We cordially invite you to participate in the XXV Fluid Mechanics Conference (FMC2022). Current information will be posted on the conference website: <https://fmc2022.prz.edu.pl/>.

Important Dates

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

Publications of Papers

Accepted and presented Conference papers after positive Scientific Committee recommendation will be published in IOP Journal of Physics Conference Series.

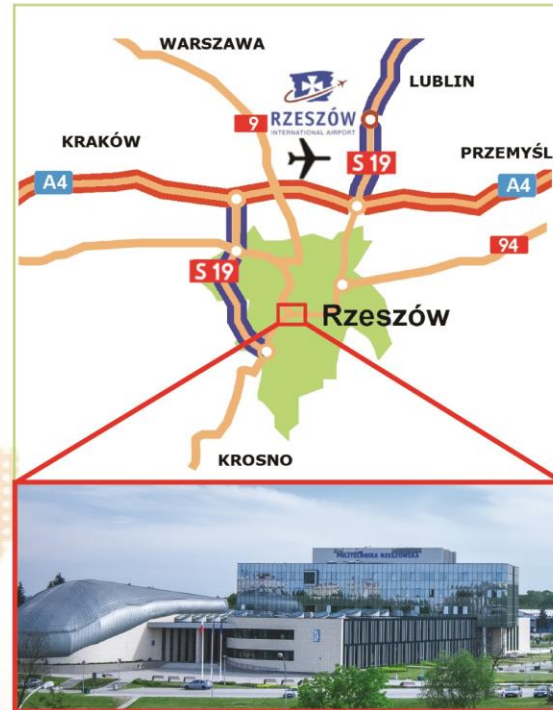
Selected authors will be encouraged to submit the extended, full version of their work for publication in: Journal of Theoretical and Applied Mechanics, Bull.PAS, Techn.Sci., Archives of Mechanics.

The manuscript will be subjected to the usual reviewing procedure.

Conference Fees (PLN)

Payments	EARLY	LATE
	(before April 30th 2022)	(after April 30th 2022)
Participant	2 100	2 300
PhD student/ student	1 800	—
Accompanying person	1 200	1 400

Conference Venue



Rzeszów University of Technology
Building V
Al. Powstańców Warszawy 12
35-959 Rzeszów, Poland
GPS: 50°1'5"N, 21°59'24"E

Conference Contact

Rzeszów University of Technology
Faculty of Mechanical Engineering and Aeronautics
Al. Powstańców Warszawy 8
35-959 Rzeszów, Poland
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<https://fmc2022.prz.edu.pl/>

2022
FMC

XXV FLUID MECHANICS CONFERENCE

Rzeszów, Poland
7-9 September 2022



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Invited Lectures



Ali Beskok, Prof.

Mechanical Engineering Department,
Southern Methodist University, USA

Fluid Flow in Nanoconfined Geometries



Andrzej Herczyński, Prof.

Department of Physics, Boston College, USA

From Depicting to Deploying Fluids in Art



Krzysztof Kempa, Prof.

Department of Physics, Boston College, USA

***Fluid Dynamics in Condensed Matter
Plasmas***



Nicholas J. Lawson, Prof.

Faculty of Engineering, School of Aerospace,
Mechanical & Mechatronic Engineering,
The University of Sydney, Australia

***Validating a Flight Test Method
for Propeller Thrust Estimation***



Duncan Lockerby, Prof.

The University of Warwick, Coventry, UK

***Exploring Micro and Nanoflows:
Modelling and Simulation***



Beverley McKeon, Prof.

Graduate Aerospace Laboratory
California Institute of Technology, USA

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



Bernd R. Noack, Prof.

Harbin Institute of Technology, Shenzhen,
P.R. China

***Turbulence Control - Better, Faster
and Easier with Machine Learning***

Scientific Committee

Janusz Badur, Prof., Poland

Ali Beskok, Prof., USA

Tomas Bodnar, Prof., Czech Republic

Andrzej Bogusławski, Prof., Poland

Tadeusz Chmielniak, Prof., Poland

Piotr Doerffer, Prof., Poland

Stanisław Drobnik, Prof., Poland

Sławomir Dykas, Prof., Poland

Maria Ekiel-Jeżewska, Prof., Poland

Witold Elsner, Prof., Poland

Mohamed Gad-el-Hak, Prof., USA

Bernard Geurts, Prof., the Netherlands

Andrzej Herczyński, Prof., USA

Krzysztof Kempa, Prof., USA

Tomasz Kowalewski, Prof., Poland

Anna Kucaba-Piętal, Prof., Poland

Henryk Kudela, Prof., Poland

Nicholas Lawson, Prof., UK

Duncan Lockerby, Prof., UK

Marek Morzyński, Prof., Poland

Bernd Noack, Prof., China

Jacek Pozorski, Prof., Poland, Chairman

Alfredo Soldati, Prof., Austria

Janusz Szymd, Prof., Poland

Jacek Szumbarski, Prof., Poland

Ewa Tuliszcza-Sznitko, Prof., Poland

Artur Tyliczszak, Prof., Poland

Markus Uhlmann, Prof., Germany

Luc Vervisch, Prof., France

Włodzimierz Wróblewski, Prof., Poland

WeiWei Zhang, Prof., China

Conference Topics

The conference topics include, but are not limited to:

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

Organizing Committee

Anna Kucaba-Piętal, Prof. - Conference Chair

Liliana Rybarska-Rusinek, D.Sc. - Secretary

Malgorzata Kmiotek, PhD - Secretary

Adrian Kordos, PhD - Technical Secretary

Andrzej Majka, D.Sc.

Piotr Strzelczyk, D.Sc.

Krzysztof Marzec, PhD

Michał Piętal, PhD

Ewa Rejwer, PhD

Łukasz Święch, PhD

The conference is co-financed under the "Excellent Science" program of the Ministry of Science and Education of the Republic of Poland.