## Conference Venue



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

## **Conference Contact**

CNM 2019 Secretariat email: cnm2019@ippt.pan.pl Contact person: Agnieszka Ponarska (Office) +48 (22) 826 98 03

http://cnm2019.ippt.pan.pl/

#### Information

We kindly invite you to 6th Conference on Nano- and Micromechanics (CNM2019). The aim of the conference is to address the state-of-the-art knowledge in the multi-disciplinary area of nano and micro technologies in mechanics, fluidics, physics, chemistry and biomedicine.

## **Conference Fees**

Registration payments:

Regular - early bird 750PLN (180EUR)
Regular 950PLN (220EUR)
Student - early bird 500PLN (120EUR)
Student 650PLN (150EUR)

Accompanying person:

Early bird 375PLN (90EUR) Regular 450PLN (105EUR)

# **Important Dates**

Abstract submission deadline	15.04.2019
Acceptance notifications	10.05.2019
Early bird payment deadline	31.05.2019
Final payment deadline	15.06.2019

## **Publications of Papers**

Accepted and presented conference papers can be publish after standard review process in the following journals:

- Bulletin of the Polish Academy of Sciences (IF = 1.277, De Gruyter)

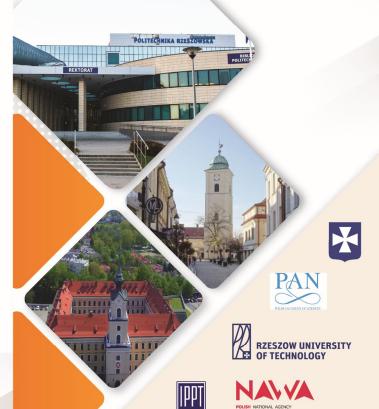
- Archives of Mechanics (IF = 0.923, Polish Academy of Sciences)

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# 6th CONFERENCE ON NANO- AND MICROMECHANICS

Rzeszów, Poland 3-5 July 2019





Ministry of Science and Higher Education Republic of Poland



## **Conference Topics**

Abstracts representing high-quality original research on broad application areas of nano- and micromechanics are most welcome.

## Topics areas of the CNM 2019 include:

- Nanomechanics and micromechanics theory, computational methods and modelling
- ▶ Thermodynamics, microfluidics and nanofluidics
- ▶ Microsystem technology and nanotechnology
- ▶ NEMS, MEMS, and MEOMS technology
- ▶ Nanoelectronics, nanophotonics, nanomagnetism
- **▶** Biomicromechanics and bionanomechanics
- ▶ Biotechnology and bioengineering
- ▶ Nanofibres, nanowires and nanoparticles
- **▶** Experimental methods
- Optomechanics

# Organizing Committee

Anna Kucaba-Piętal - Conference Chair Rzeszow University of Technology Piotr Korczyk - Conference Co-Chair Institute of Fundamental Technological Research Polish Academy of Sciences

**Agnieszka M. Słowicka** - Conference Secretary Institute of Fundamental Technological Research Polish Academy of Sciences Members:

#### Malgorzata Kmiotek

Rzeszow University of Technology

#### **Adrian Kordos**

Rzeszow University of Technology

#### Liliana Rybarska-Rusinek

Rzeszow University of Technology

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#### Invited Lectures

**Luciano De Sio** (*Sapienza University of Rome, Italy*) Thermo-plasmonic assisted biomedical applications

**Michael Giersig** (*Freie Universitat Berlin, Germany*) Application of nanomaterials in biomedicine from the mechanical properties point of view

**Sławomir Jakieła** (Warsaw University of Life Sciences, Poland)

Measurement of the hydrodynamic resistance of microdroplets as an indicator of biological and immunological reactions

**Krzysztof Kempa** (Boston College, USA) Plasmonic effects in nanomechanics

**Karin Kogermann** (*University of Tartu, Estonia*) Understanding of living cell-nanofiber matrices interactions

**Krzysztof Kuczera** (*The University of Kansas, USA*) Multiple pathways of helix folding from kinetic coarse grained models

**Mihail N. Popescu** (*Max Planck Institute for Intelligent Systems, Germany*)

Effective interactions between chemically active particles and interfaces

**Alexander L. Yarin** (*University of Illinois at Chicago, USA*)

Self-healing nano-textured vascular engineering materials

The project is co-fund by the Polish National Agency for Academic Exchange.

## **Scientific Committee**

Janusz Badur Polish Academy of Sciences, Gdansk

Tadeusz Burczyński Polish Academy of Sciences, Warsaw

Michał Ciałkowski Poznan University of Technology

Luciano De Sio Sapienza University of Rome

Paweł Dłużewski Polish Academy of Sciences, Warsaw

Marek Dziubiński Łódź University of Technology

Victor A. Eremeyev Russian Academy of Sciences,

St.Petersburg

Michael Giersig Freie Universitat Berlin

Teodor Gotszalk Wrocław University of Science and

Technology

**Sławomir Jakieła** Warsaw University of Life Sciences **Krzysztof Kempa** Boston College

Karin Kogermann University of Tartu

Piotr M. Korczyk Polish Academy of Sciences, Warsaw

Tomasz Kowalewski Polish Academy of Sciences, Warsaw

Anna Kucaba-Piętal Rzeszow University of Technology

Krzysztof Kuczera The University of Kansas

Ewa Majchrzak Silesian University of Technology

Henryk Petryk Polish Academy of Sciences, Warsaw

Maciej Pietrzyk AGH University of Science and Technology,

Cracow

Mieczysław Poniewski Warsaw University of Technology Mihail N. Popescu Max Planck Institute for Intelligent Systems, Stuttgart

**Gwidon Szefer** Cracow University of Technology **Alexander L. Yarin** University of Illinois at Chicago

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