

## 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  
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Contact person:  
Agnieszka Ponarska (Office)  
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<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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**CNM**  
**2019**

**RZESZÓW**



# 6th CONFERENCE ON NANO- AND MICROMECHANICS

Rzeszów, Poland  
3-5 July 2019



PAN  
POLISH ACADEMY OF SCIENCES

RZESZÓW UNIVERSITY  
OF TECHNOLOGY

IPPT  
PAN

NAWA  
POLISH NATIONAL AGENCY  
FOR ACADEMIC EXCHANGE



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 Kmietek**  
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 Jakiela** (*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

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*The project is co-funded 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 Jakiela** 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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