

**CNM
2019** RZESZÓW



6th CONFERENCE ON NANO- AND MICROMECHANICS

3-5 JULY 2019 - RZESZÓW, POLAND

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

Conference Topics

- ▶ 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

Key Dates & Deadlines

Abstract submission deadline: **15 April 2019**
Acceptance notifications: **10 May 2019**
Early bird payment deadline: **31 May 2019**
Final payment deadline: **15 June 2019**

CNM 2019 Secretariat

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Invited Lectures

Luciano De Sio (Sapienza University of Rome, Italy)

Thermo-plasmonic assisted biomedical applications

Michael Giersig (Freie Universität 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, Stuttgart, 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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Ministry of Science
and Higher Education
Republic of Poland

