

International virtual  
conference

# Nano Ostrava 2021

7<sup>th</sup> Nanomaterials and Nanotechnology  
Meeting



May 17–20, 2021

Ostrava, Czech Republic

[www.nanoostrava.cz](http://www.nanoostrava.cz)

[nanoostravareg@gmail.com](mailto:nanoostravareg@gmail.com)

## VSB-Technical University of Ostrava

VSB is a Czech public university with a long tradition in high-quality education and research.

VSB provides studies at seven faculties: Faculty of Mining and Geology, Faculty of Materials Science and Technology, Faculty of Mechanical Engineering, Faculty of Economics, Faculty of Electrical Engineering and Computer Science, Faculty of Civil Engineering and Faculty of Safety Engineering.



## Nanotechnology Centre, CEET

Nanotechnology centre is one of the University centres concentrating on research and education in the field of technologies and nanomaterials. Their basic and application research is heading for many areas of life, recently focusing on environmental, energy and health problematics, where nanomaterials and nanotechnologies can help with additional values.

Members of the centre have long term partnership with key nanotechnology industry and numerous national and foreign research institutions, being involved in world class research of excellent projects.

Nanotechnology centre is open for students and young scientists giving an opportunity to study in the Nanotechnology program and to work in the international environment.



## Institute of Geonics of the CAS

The activity of IGN is the scientific research motivated by the versatile utilization of the earth's crust, i.e. research on geomaterials, processes inside the earth's crust, especially processes induced by human activity and their impact on the environment.

## Conference topics

### 1. Advanced Nanomaterials

- Nanoparticles, Nanocatalysis, Nanoceramics
- Nanocarbons, Nanoclays, Nanocomposites
- Functionalization of nanomaterials

### 2. Nanomaterials Characterization

- Advanced techniques for characterization
- Advanced testing methods
- Molecular modeling and simulations

### 3. Nanotech for Energy

- Nanomaterials for energy storage
- Nanotechnology for renewable energy harvesting and conversion
- Sustainability of materials recycling for energy

### 4. Nanotech for Medicine and Pharmacy

- Nanopharmacology and targeted drug delivery
- Biocompatible and biodegradable nanomaterials
- Nanotoxicology

### 5. Nanotech for Environmental Solution

- Green chemistry
- Environmental chemistry
- Ecotoxicology and Environmental Safety

### 6. Industrial forum

## Invited lectures



### Mark H. Rummeli

Soochow University, China; IFW Dresden, Germany; Polish Academy of Sciences, Poland



### Mahendra Rai

Department of Biotechnology, SGB Amravati University, India; Visiting Scientist, Department of Microbiology, Nicolaus Copernicus University, Torun, Poland



### Volkmar Weissig

Department of Pharmaceutical Sciences, College of Pharmacy, Midwestern University, Phoenix, AZ, USA



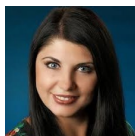
### Des R. Richardson

Centre for Cancer Cell Biology and Drug Discovery, Griffith Institute for Drug Discovery, Griffith University, Brisbane, Queensland, Australia



### Sandrine Gerber

Institute of Chemical Sciences & Engineering, Swiss Federal Institute of Technology Lausanne, Switzerland



### Agnieszka Sobczak-Kupiec

Institute of Materials Engineering, Cracow University of Technology, Poland



### Khalid Lafdi

Department: Mechanical and Construction Engineering, Northumbria University, Newcastle, UK



### Ivo Šafařík

Department of Nanobiotechnology Biology Centre, ISB, CAS, České Budejovice; Regional Centre of Advanced Technologies and Materials, Palacky University, Olomouc, Czech Republic



### Tugrul Cetinkaya

Sakarya Univeristy, Turkey

## Important dates

<b>March 15, 2021</b>	Early-bird registration and payment of conference fee Students Grant deadline
<b>April 15, 2021</b>	Last date for submission of abstracts
<b>April 30, 2021</b>	Last date for registration and payment of conference fee
<b>June 1, 2021</b>	Submission of conference paper

## Conference fees

*Conference fee is sponsored by VSB - Technical University of Ostrava.*

	Early Bird before March 15, 2021	after March 15, 2021
Regular Fee— Presenting Author	50 EUR	70 EUR
Student	30 EUR	30 EUR
Company representatives	on request	on request

*10 students grants are announced - details on conference webpage*

## Contact for enquiries



[nanoostravareg@gmail.com](mailto:nanoostravareg@gmail.com)

## How to join



Access for virtual platform will be provided to registered participants

## Invited lectures



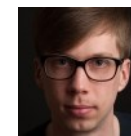
### Manuela Calin

Institute of Cellular Biology and Pathology, Romanian Academy of Sciences, Bucharest, Romania



### Barbara Pacáková

Department of Physics, Faculty of Natural Sciences, NTNU Trondheim, Norway



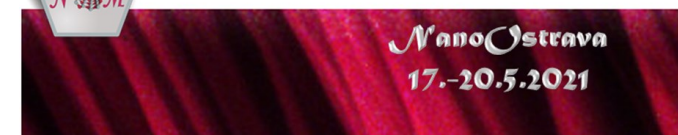
### Gabor Piszter

Institute of Technical Physics and Materials Science; Centre for Energy Research; Hungarian Academy of Sciences, Hungary



### Huy Q. Ta

Leibniz Institute for Solid State and Materials Research Dresden, Germany



## Contributions

### Plenary lecture

### Invited lectures

### Oral contributions\*

### Industrial forum

### E-posters\*

### E-monograph\*

### Conference paper

\* Templates will be available on the website

