

International virtual
conference

Nano Ostrava 2021

7th Nanomaterials and Nanotechnology
Meeting



May 17–20, 2021

Ostrava, Czech Republic

www.nanoostrava.cz

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,



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



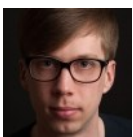
Agnieszka Sobczak-Kupiec

Institute of Materials Engineering, Cracow
University of Technology, Poland



Manuela Calin

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



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

Important dates

March 15, 2021	Early-bird registration and payment of conference fee Students Grant deadline
April 15, 2021	Last date for submission of abstracts
April 30, 2021	Last date for registration and payment of conference fee
June 1, 2021	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—	50 EUR	70 EUR
Student	30 EUR	30 EUR
Company	on request	on request

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



How to join

Access for virtual platform will be provided to
registered participants

Contributions

Plenary lecture

Oral contributions*

E-posters*

Conference paper

Invited lectures

Industrial forum

E-monograph*

* Templates will be available on the
website



Conference contacts

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