



# NanoOstrava 2023

May 15-18, 2023

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



### Event at DOV

### Dolni Oblast Vitkovice, Ostrava

- ❖ Sightseeing and Accommodation at special industrial historical locality
- ❖ Conference dinner at Gong
- ❖ Awards for 'The best students poster'

Topic 01	Topic 02	Topic 03
<p><b>Materials and technology for energy and transportation</b></p> <p>Chairman: Grażyna Simha Martynková</p> <ul style="list-style-type: none"> <li>• Smart sustainable material</li> <li>• Batteries</li> <li>• Photovoltaics</li> <li>• Additive technology</li> <li>• Nano in automotive</li> </ul>	<p><b>Materials and technology for environment, healthcare and safety</b></p> <p>Chairman: Radek Zbořil</p> <ul style="list-style-type: none"> <li>• Catalysis, photocatalysis and adsorption processes</li> <li>• Filters and membranes</li> <li>• Anti-biofouling and antimicrobial surfaces</li> <li>• Green chemistry approaches</li> <li>• Nanomaterials in healthcare</li> <li>• NanoSafety</li> </ul>	<p><b>Advanced materials characterization</b></p> <p>Chairman: Jan Neuman</p> <ul style="list-style-type: none"> <li>• Advanced testing</li> <li>• Nanomaterials detection</li> <li>• Surface properties</li> <li>• Structure characterization</li> <li>• Morphology and topography</li> </ul>



#### Nanocarbons in Energy Storage Mark H. Rummeli

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



#### Nanostructure stability under catalytic reactions: challenges and perspectives Paolo Fornasiero

University of Trieste, UNITS, Italy



#### Impact of Nanomaterials on Environment Jana Kukutschová

VSB-Technical University of Ostrava, Czech Republic



#### Nanocatalysis for sustainable and advance chemical synthesis Jagadeesh Rajenahally

Leibniz Institute for Catalysis, Rostock, Germany



#### Silicon nanowires for solar energy harvesting and storage Martin Foldyna

LPICM, Ecole Polytechnique, Palaiseau, France

### Conference papers

special issues in MDPI:

- batteries IF 5,938
- nanomaterials IF 5,719
- life IF 3,253

March 31, 2023

Early-bird registration and the conference fee payment

April 23, 2023

Last date for submission of abstracts

May 5, 2023

Last day for registration payment

### Contacts

Conference Chairman

prof. Ing. Daniela Plachá, Ph.D.

[daniela.placha@vsb.cz](mailto:daniela.placha@vsb.cz)

Contact for partners and sponsors

Ing. Vladimíra Plačková

[plackova.vla@seznam.cz](mailto:plackova.vla@seznam.cz)

Contact for inquiries

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

Phone: +420 597 321 572

