

# NANOOSTRAVA 2025

## ENERGY & ENVIRONMENT

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

MAY 19–22

**Aula VSB-TUO**

17. listopadu 2172/15, Ostrava  
Czech Republic



Scan for more information

### CONFERENCE SECTIONS

ADVANCED NANOSTRUCTURED MATERIALS

MATERIALS AND TECHNOLOGY

AND INNOVATIVE TECHNOLOGIES

FOR ENVIRONMENT

INSTRUMENTATION-DRIVEN DESIGN AND

MATERIALS FOR ENERGY

CHARACTERIZATION OF MATERIALS

HARVESTING AND STORAGE

### INVITED LECTURES



**ARISTEIDIS  
BAKANDRITSOS**

Dedicated scientist in materials and nanomaterials science, catalysis, and biomedicine. Focused on energy storage, catalytic systems, and biomedical applications. Published over 120 papers with 5,400+ citations, achieving an h-index of 36. Experienced in delivering results on high-impact HORIZON projects and collaborating internationally.



**INDRAJIT  
GHOSH**

His research focuses on the rational design and synthesis of functional materials, including single-entity catalysts, for challenging photochemical transformations at the interface of materials science and organic chemistry. Dr. Ghosh has over 50 peer-reviewed publications, approximately 6,000 citations, and an h-index of  $\geq 32$ .



**SRIKANTH  
PONNADA**

His research focuses on the synthesis of functional materials, energy storage devices, conversion devices, polymer electrolyte membranes, device fabrication, electrocatalysis, and electrochemical sensors. He published over 30 peer reviewed journal articles with an h-index of 16. He was a Post-Doctoral Fellow in Prof. Andy Herring's group at the Chemical and Biological Engineering Department, Colorado School of Mines, USA.



**PETR  
PRAUS**

His research interests are nanomaterials, photocatalysis, analytical and environmental chemistry, and chemometrics. With over 100 publications, an h-index of 27, and recognition as a top 2% cited scientist, he leads impactful research published in leading journals. He has held leadership roles including head of the Chemistry Department and Vice-Rector for Research at VSB-TUO.

**Contact for inquiries**

+420 597 321 572

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

## REASONS **WHY TO COME**



### **BREATHTAKING AULA VSB-TUO**

The place where great ideas are born. The modern space with a capacity of up to 500 seats, state-of-the-art audiovisual technology and unique architecture creates the perfect backdrop for conferences. Come and experience the atmosphere of science and innovation.

### **UNFORGETTABLE ENTERTAINMENT**

Discover the fascinating story of Ostrava City Hall. Take a guided tour of the largest city hall building in the Czech Republic and get a glimpse into the places where the city's history is made. Climb the iconic observation tower for a breathtaking panorama of Ostrava and the Beskydy Mountains.



### **GOURMET BANQUET EXPERIENCE**

Get ready for an evening of exceptional flavours and great atmosphere. Our exclusive buffet will offer a rich selection of delicacies, first-class gastronomy and a sophisticated evening programme. Enjoy a unique combination of great food, pleasant music and inspiring company.

## **SAVE THE DATE**

**April 14 2025**

**Early bird  
registration**

**April 20 2025**

**Last date  
of submission  
of abstract**

**May 19 2025**

**Last date  
for registration**

## CONFERENCE **PAPERS**

### **IOP Conference Series:**

- Materials Science and Engineering (MSE) - Open Access Proceedings Journal
- Materials - International Peer-reviewed, Open Access Journal

**IOP** Publishing

