

NANOOSTRAVA 2025

ENERGY & ENVIRONMENT

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MAY 19–20

Aula VSB-TUO

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Czech Republic



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**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 ≥ 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.

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