# Joint Virtual Symposium on Innovative Materials & Catalysis

Co-organized by LIKAT (Prof. Matthias Beller), Materials-Envi Lab, VSB–Technical University of Ostrava (Prof. Radek Zbořil), and CATEN (Filip Fingl)

**January 8, 2026 | 9:00–15:50 (CET)**

## Preliminary Program

**09:00–09:10**
**Introduction and Welcome**
Prof. Radek Zbořil

**09:10–09:50**
**Low-Dimensional Chemistry and Single-Atom Engineering for Advanced Technologies**
Prof. Radek Zbořil

**09:50–10:30**
**Catalytic Upgrading of Biogas Components**
Dr. Sebastian Wohlrab

**10:30–11:10**
**Catalyzing the Electrochemical Synthesis of Value-Added Compounds**
Prof. Robert Francke

**11:10–11:50**
**Single-Atom Dimers for Effective Catalytic Transformations**
Dr. Aristeidis Bakandritsos

**11:50–13:00**
**Virtual Lunch Break & Joint Discussions**

**13:00–13:40**
**Photoredox Catalysis with One or Two Photons and Electron Transfer**
Dr. Indrajit Ghosh

**13:40–14:20**
**Catalysis for Sustainable and Circular Chemistry**
Prof. Jagadeesh Rajenahally

**14:20–15:00**
**Physical mixing is a promising method for the targeted preparation of catalysts and for understanding of their functioning**
Prof. Evgenii Kondratenko

**15:00–15:40**
**Photo- and Plasmonic Catalysis toward High–Value-Added Chemicals**
Prof. Štěpán Kment

**15:40–15:50**
**Concluding Remarks**
Prof. Matthias Beller

**Note:** Each presentation consists of a 30-minute talk followed by a 10-minute discussion.