

# Scientific Program

## **Venue**

Panorama Hotel  
Prague Milevská 7, 140 63 Praha 4, Czechia

Meeting Hall- Salon 2+3

# Opening Ceremony

09:30-09:45

## Keynote Talks

09:45 - 10:25 Title: Solar PV – a savior of the environmental crisis?  
KT Tan, Cambridge University, England

Sessions: Pollution and Health effects | Pollution Control Technologies and Devices | Environmental Sustainability and Development | Water Pollution and Treatment | Waste Management and Treatment

Chair: KT Tan, Cambridge University, England | Co-Chair : Vselovod Mymrin, Parana Federal University of technology, Brazil

10:25 - 10:55 Title: Adsorptive removal of hydrogen sulfide by amine-functionalized mesocellular siliceous foams  
Shaobo Wang, University of Nottingham, UK

### Group Photo

Networking & Refreshment Break: 10:55-11:05 @ Corridor

11:05 - 11:35 Title: Bioconcentration and teratogenicity of decabromodiphenyl ether (BDE-209) to zebrafish embryo in co-existence of SiO<sub>2</sub> nanoparticles  
Shu-Ju Chao, National Chiao Tung University, Taiwan

11:35 - 12:05 Title: Hazardous industrial wastes treatment for production of environment friendly materials  
Vselovod Mymrin, Parana Federal University of Technology, Brazil

12:05 - 12:35 Title: Ciprofloxacin degradation using low-grade titanium ore, persulfate and artificial sunlight for industrial wastewater  
J A Macías Vargas, National Autonomous University of Mexico, Mexico

12:35 - 13:05 Title: Performance and removal mechanism of a titanium ore to treat water contaminated with arsenite and arsenate  
C E Cuando-Cerón, National Autonomous University of Mexico, Mexico

Lunch Break 13:05-14:05 @ Mezzo Restaurant

### Poster Presentations 14:05-16:05 @ Corridor

PCS 01 Title: Improvement of heavy metal phytoextraction by application of metal chelators and plant growth regulators  
Tomoki Chatani, Kobe University, Japan

PCS 02 Title: The effect of coal bottom ash as revegetation substrate on revegetation woody plants and environment – pilot scale experiment  
Takeshi Suzuki, Kobe University, Japan

PCS 03 Title: Effects of sequence dosing on floc properties during coagulation of kaolin- and AOM-containing water  
Ming-Han Tsai, National Chiao Tung University, Taiwan

PCS 04 Title: Recovery of low concentrated platinum on nickel hexacyanoferrate nanoparticle films  
Rongzhi Chen, University of Chinese Academy of Sciences, China

### Panel Discussion and Award Ceremony