

Program Bažant Postgraduate Conference 2024

Day 1 - 5.6.2024		Presentation Title
09:00	Conference opening	
09:10	Ing. Jan Čížek	Development of Polymeric Enantioselective Membranes
09:25	Ing. Matěj Hušek	Emerging Contaminants in Sewage Sludge: Analysis and Their Removal by Pyrolysis
09:40	Ing. Anasthasia Shtukaturova	Assessment of the Presence of Hazardous Components in Textile Waste
09:55	Mgr. Lenka Suchánková	Multi-annual Characterization of PM1 Aerosol Optical Properties and Size Distribution at the Peri-Urban Atmospheric Site ATOLL in Lille
10:10	Coffee break	
10:30	Mgr. Natálie Jaklová	Development of Continuous Technology for the Preparation of Pharmaceuticals
10:45	MSc. Julaha Kajal	Drone Based Vertical Profiling of Black Carbon Aerosols at a Rural Background and an Urban Site in Central Europe
11:00	Mgr. Petra Mušálková	Growth and Phosphorus Dynamics During Tolypothrix tenuis Cultivation – a Cyanobacterium of Biotechnological Potential
11:15	MSc. Mahasoa Souvenir	Cholinium Based Ionic Liquids: Influence of Water as a Co-solvent on Their Physico-chemical Properties and Preliminary Results for Dissolution of Biopolymers
11:30	Closing remarks	

Day 2 - 6.6.2024		Presentation Title
09:00	Opening remarks	
09:05	Ing. Jiří Kovářík	Vertical Gradients of Atmospheric Aerosols Chemical Composition
09:20	Ing. Aleš Krčil	Synthesis of Fluorinated Methyl β -Lactosides
09:35	Ing. Antonín Šperlich	Investigation of Mechanical Processing of Solar Photovoltaic Panels
09:50	Ing. Claudia Vásquez	Cultivation of Limnospira maxima and Utilization of its Fresh Biomass in Human Nutrition
10:05	Coffee break	
10:20	Ing. Mark Terentyak	Axial Dispersion and Mass Transfer in Bubble Column
10:35	Ing. Anna Paříková	Computational Fluid Dynamics Studies of Aerosol Hygroscopic Growth
10:50	Mgr. Václav Harandt	Exploring Bubble Dynamics with VOF Method Simulations: Insights from Two Fundamental Gas-Liquid Flow Case Studies
11:05	Mgr. Anna Kokavcová	Influence of Material Properties and Mixing Dynamics on Heat Transport in Granular Materials
11:20	Coffee break	
11:35	Ing. Kateřina Nyklíčková	The Influence of Geometric Parameters of 3D Printed Structured Beds on Hydrodynamic Characteristics of Trickle-Bed Reactor
11:50	Ing. Tereza Semlerová	Bubble Breakup in Triton Solutions
12:05	Ing. Dominik Schimon	Thin Film Photocatalysts on the Basis of g-C ₃ N ₄
12:20	Mgr. Anna Špalová	Measurements of New Particle Formation in the Atmosphere
12:35	Conference closing	
14:00	Conference winners announcement	
14:15	PhD students get-together	