

WORKSHOP OF STUDENTS' PRESENTATIONS 2021

„Membranes and Membrane Processes“

Date: November 24, 2021

Venue: Online in the ZOOM

PROGRAM

- 8:45 – 9:10** Registration to ZOOM
- 9:10 – 9:15** Opening of the workshop
- 9:15 - 9:30 **V. Homuta** RHEOLOGICAL PROPERTIES OF POLYOLEFIN MELTS - lecture
- 9:30 - 9:45 **R. Kondáš** ENHANCED OIL RECOVERY – INJECTION WATER DESALINATION BY HIGH-TEMPERATURE ELECTRODIALYSIS – lecture (presented by Dr. Václavík)
- 9:45 – 10:00 **M. Spurný** ELECTROCHEMICAL CHARACTERIZATION OF DISULFONATED ANTHRAQUINONES FOR APPLICATION IN NEGATIVE ELECTROLYTE OF REDOX FLOW BATTERIES - lecture
- 10:00 – 10:15 **W. Jankowski** PVDF MEMBRANES MODIFIED WITH NATURAL SUBSTANCES FOR WATERTREATMENT PROCESSES - lecture
- 10:15 – 10:30 **T. Dufek** POSSIBILITIES OF USING NANOFIBERS IN THE PROCESS OF MEMBRANE DISTILLATION - lecture
- 10:30 – 10:45 **Coffee break**
- 10:45 – 11:00 **B. Kamenická** ADSORPTION OF ANTI-INFLAMMATORY DRUGS ON CARBONACEOUS SORBENTS - lecture
- 11:00 – 11:15 **G. Kuchtová** DECOLORIZATION AND TREATMENT OF INDUSTRIAL WASTEWATER BY INDIRECT ANODIC OXIDATION - lecture
- 11:15 – 11:30 **J. Čížek** SEPARATION OF RACEMIC COMPOUNDS ON POLYIMIDE-BASED MEMBRANE - lecture
- 11:30 – 11:45 **G. Li** - PEBAX® 2533 MIXED MATRIX MEMBRANES CONTAINING IONIC LIQUID DECORATED ZEOLITIC IMIDAZOLATE FRAMEWORK (ZIF-8@IL) FOR CO₂ SEPARATION - lecture
- 11:45 – 12:30 **Lunch**
- 12:30 – 13:05** **Poster session**
- 13:05 – 13:30** **Closing of the workshop**