



WORKSHOP OF STUDENTS' PRESENTATIONS 2020

„Membranes and Membrane Processes“

Date: **October 21, 2020**
Membrane Innovation Centre, Pod Vinicí 87, 471 27 Stráž pod Ralskem

Venue: **Online: [Join Microsoft Teams Meeting](#)**

PROGRAM

- 9:45 – 10:00** **Registration + online testing**
- 10:00 – 10:05** **Opening of the workshop**
- 10:05 - 10:25** **K. Idžakovičová** FLOW MODELLING IN MEMBRANE SPACERS - lecture
- 10:25 - 10:30** **A. Gül** CHEMICAL CLEANING OF NANOFIBROUS MICROFILTRATION MEMBRANE - poster
- 10:30 – 10:35** **MD. N. Islam** PREPARATION OF FLAT-SHEET NANOFIBROUS MEMBRANES FOR MICROFILTRATION - poster
- 10:35 – 10:40** **E. Boyraz** WATER FILTER CARTRIDGES COVERED BY NANOFIBER MEMBRANE - poster
- 10:40 – 10:45** **K. Hradečná** STUDY OF CROSS-LINKING PROCESS AND ITS INFLUENCE ON PROPERTIES OF FINAL MEMBRANE
- 10:45 – 10:50** **L. Šatura** MODELLING AND OPTIMISATION OF NANODIAFILTRATION PROCESS OPERATION - poster
- 10:50 – 10:55** **M. Bourassi** IBUPROFEN REMOVAL FROM AQUEOUS SOLUTION USING DIFFERENT COMMERCIAL NONPOROUS POLYMERIC MEMBRANES BY PERTRACTION PROCESS - poster
- 10:55 – 11:00** **I. J. Gallus** REMOVAL OF BORON FROM GEOTHERMAL WATER BY INTEGRATED REVERSE OSMOSIS AND ION EXCHANGE USING SELECTIVE RESINS - poster
- 11:00 – 11:05** **S. Işik** - SURFACE MODIFIED NANOFIBERS IN OIL-WATER SEPARATION - poster
- 11:05 – 11:10** **Z. Gončuková** USE OF FUNCTIONALIZED ZNO NANOPARTICLES FOR MEMBRANE WITH ANTIBIOFOULING PROPERTIES - poster

- 11:10 – 11:15 **E. Knettigová** THE USE OF ELECTRODIALYSIS AND ULTRAFILTRATION FOR WHEY PROTEIN CONCENTRATE PREPARATION - poster
- 11:15 – 11:20 **K. Iablochkin** DEVELOPMENT OF A QUALITY CONTROL METHOD FOR ION EXCHANGE MEMBRANES PRODUCTION - poster
- 11:20 – 11:25 **R. da S. B. Soares** CHEMICAL REGENERATION OF IEMs EXPOSED TO PRODUCED WATER FROM ENHANCED OIL RECOVERY - poster
- 11:30 – 11:35** **Closing of the workshop**
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