

DAY ZERO: 11.09.2024

Voluntary pre-conference drink and pizza

(self-pay)

Jabeerwocky Craft Beer Pub

Address: Traugutta 4

Time: 19:00 - ...

DAY ONE: 12.09.2024

08:30 – 09:30	Registration
09:30 – 10:00	Symposium opening
10:00 – 10:25	Pressure Analysis in Rotating Packed Bed – A Paradox <u>Felix Febrian</u> , Georg Brösigke, Jens-Uwe Repke
10:25 – 10:50	Liquid Distribution in Large Diameter Rotating Packed Beds – Development of a Measurement Method <u>James Hendry</u> , <u>Emily Leather</u> , <u>Jonathan Lee</u> , James Frost, Asmaa Hadj Ahmed
10:50 – 11:30	Coffee break
11:30 – 11:55	Compact Carbon Capture Using Rotating Packed Bed <u>Ole-Jacob Birkeli</u> , <u>Dawid Zawadzki</u>
11:55 – 12:20	Impact of Packing and Cavity Zone Diameter on Carbon Capture Efficiency in a Rotating Packed Bed <u>Małgorzata Majdzik</u> , Michał Blatkiewicz, Gniewomir Lewandowski, Marcin Piątkowski, Maciej Jaskulski
12:20 – 14:30	Lunch break + Lab tour
14:30 – 14:40	Group photo
14:40 – 15:05	Recent Advancements in RPB Development and Applications <u>Jerzy Pela</u> , Michał Pawłowski, Ewelina Kruszcak, Andrzej Górak
15:05 – 15:30	Process Intensification of Distillation by Single and Double-Rotor Rotating Packed Beds <u>N.-J.Greven</u> , V. Backhaus, M.A. Sezer, C. Held
15:30 – 16:10	Poster session + coffee break
16:10 – 16:35	Computationally Investigating Novel Designs of Rotating Zigzag Packings to Reduce Their Pressure Drop <u>Niclas Rohde</u> , Felix Febrian, Georg Brösigke, Jens-Uwe Repke
16:35 – 17:00	3D CFD Simulations of Single Phase and Two-Phase Flow in Rotating Packed Beds (RPB) for CO₂ Capture <u>Philippe Béard</u> , Véronique Penin, Pascal Alix
17:00 – 19:00	Free time
19:00 – 23:00	Gala dinner Farina Bianco Piłsudskiego 14

DAY TWO: 13.09.2024

09:00 – 09:25	Comparison of Numerical Approaches to Model Hydrodynamics in Rotating Packed Bed <u>Jakub Elcner</u> , <u>Ondřej Hájek</u> , Patrik Rapta, Milan Malý, Miroslav Jícha
09:25 – 09:50	Rate-Based Modeling Approach of a Rotating Packed Bed for CO₂ Chemisorption in MEA Solutions: Model Development and Sensitivity Studies <u>Joshua Orthey</u> , Markus Illner, Jens-Uwe Repke
09:50 – 10:15	Study of a Two Phase Flow Emerging From an RPB – Identification of the Onset of a Flooding Phenomenom using AI <u>Véronique Penin</u> , Cyril Cassar, Solenn Rodriguez
10:15 – 11:00	Coffee break
11:00 – 12:30	Discussion panel Unification of fragmented knowledge regarding RPBs and the future of RPB research Pascal Alix, Marcel Fickenscher, Andrzej Górak, Jorge Plaza, Jens-Uwe Repke
12:30 – 13:00	Symposium closing
13:00 – 14:30	Lunch
14:30 – 16:30	Voluntary trip to PROSPIN