

Thursday 17th September

08:30	Registration
09:00	Welcome
09:15	Use of additive manufacturing as means to increase RPB packing performance (Mojonnier)
09:40	Hydrodynamics of 3D-printed TPMS packings in a rotating packed bed (University of Brno)
10:05	Hydrodynamics and Droplet-Scale Characterization of RPBs with Different Packing Geometries (University of Houston)
10:30	Coffee / Tea
11:10	Fused-Filament-Fabricated Packings for Rotating Packed Beds (TU Dortmund)
11:35	Droplet characterization in Rotating Packed Bed under simultaneous gas and liquid flow (CNRS)
12:00	Liquid Distribution in a 1m diameter Rotating Packed Bed (Newcastle University)
12:25	Lunch
13:45	Flooding in RPBs: definitions and unified correlations for metallic foam and wire-knitted-mesh packings (IFPEN)
14:10	Comparative analysis of wet pressure drop and flooding phenomenon in RPB: validation of CFD simulations (IFPEN)
14:35	Visualizing liquid flow in 3D printed packing for RPB: Effect of liquid distributor (IFPEN)
15:00	Coffee / Tea
15:40	Separation Performance and Operability of a Continuous 2R-RPB with Interstage Feed under Finite Reflux (TU Dortmund)
16:05	Development of a One-dimensional Mass Transfer Model in a Rotating Packed Bed (University of Campinas)
16:30	Distillation in Rotating Zigzag Beds Under Varying Internals – an Experimental Study (TU Berlin)

Friday 18th September

09:00	Spinning Disc Reactor: Measurement of thin film thickness, residence time distribution, and mixing characterization (CNRS)
09:25	Modelling CO ₂ capture in Rotating Packed Beds with MEA-based solvents – from lab to industrial scale (IFPEN)
10:00	Selection of reactive solvents for biogas upgrading in rotating packed beds (TU Lodz)
10:30	Coffee / Tea
11:00	Rigorous rate-based modeling of CO ₂ absorption in RPBs using the generalized Maxwell-Stefan approach (TU Berlin)
11:30	CFD investigation of CO ₂ absorption in the outer cavity zone of a rotating packed bed (TU Lodz)
12:00	RPB CO ₂ Capture – Always superior to columns? Pilot operation and simulation of hybrid process configurations (TU Berlin)
12:30	Closing Discussion
13:00	Lunch
14:00	Lab Tours
14:30	
15:00	
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