

65th TECHNICAL MEETING
of the
EFCE WORKING PARTY ON FLUID SEPARATIONS

Dividing wall column symposium honoring Žarko Olujić

Zagreb, 12th June 2023.



Sveučilište u Zagrebu
Fakultet kemijskog
inženjerstva i tehnologije



AGENDA OF THE 63rd TECHNICAL MEETING

Dividing wall column symposium honoring Žarko Olujić

12th June 2023

09:00 SESSION I

- 09:00** Opening of the Fluid Separations Working Party Meeting (Harry Kooijman, WP Chair)
- 09:15** Organization of the meeting and introduction to the University of Zagreb (Igor Dejanović)
- 09:30** **Dr. Ž. Olujić (Retired (TU Delft), AIChE Fellow):** Distillation equipment advances: The key to reducing process industry energy demand & carbon dioxide emissions – personal efforts and insights of an academician
- 10:15** **Dr. R. Schultz (Julius Montz GmbH/Koch Engineered Solutions):** Dividing Wall Columns - Novel Applications with Case Studies

10:45 COFFEE BREAK

11:00 SESSION II

- 11:00** **Dr. Harry Kooijman (Shell Global Solutions):** Optimization of DWCs in vacuum, atmospheric, extractive, and reactive distillation using CAPE-OPEN
- 11:30** **Dr. G. Lukač (University of Zagreb):** Dividing wall columns control challenges
- 12:00** **Prof. Eva Sørensen (University College London):** Optimal Design and Operation of Complex Distillation Processes

12:30 LUNCH BREAK

13:25 SESSION III

- 13:25** **Prof. Richard Darton (University of Oxford):** Comparing the packed bubble column and the trickle bed for CO₂ absorption in seawater
- 14:00** **Prof. Rakesh Agrawal (Purdue University):** Comparing Membrane and Distillation Separations for Energy Demand
- 14:35** **Prof. Nenad Bolf, Josip Sacher (University of Zagreb):** Process analytical technology for real-time crystallization control