TwiNSol-CECs
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TWINNING FOR EXCELLENCE IN ENVIRONMENTAL RESOURCES PROTECTION

Funded by the European Union

5th TwiNSol-CECs Onsite Training

Computational methods as a support for membrane-based separation technologies

University of Novi Sad, Faculty of Technology Novi Sad (TFNS)
Novi Sad, 26-27 September 2023

Program

September 26, 2023 Tuesday
Blue Hall, 1st floor

10,00-10,30	Registration of participants
10,30-10,35	Welcome speech, **Prof. Zita Šereš** (TFNS, Novi Sad, Serbia)
10,35-10,45	Membrane processes in TwiNSol-CECs, **Prof. Nataša Đurišić-Mladenović** (TFNS, Novi Sad, Serbia)
10,45-11,30	2D fluorescence for monitoring and characterization of membranes, **Claudia Galinha** (NOVA University, Lisbon, Portugal)
11,35-12,20	New techniques for development of membranes and devices: electrospinning and 3d printing, **Sylwin Pawlowski**, (NOVA University, Lisbon, Portugal)
12,20-12,35	Refreshment and coffee break
12,35-13,20	Data analysis and modeling applied to spectroscopic data, **Claudia Galinha** (NOVA University, Lisbon, Portugal)
13,20-14,05	Computational Fluid Dynamics – Theoretical introduction, **Sylwin Pawlowski**, (NOVA University, Lisbon, Portugal)
14,05-15,00	Lunch

September 27, 2023 Wednesday
Computer Lab no.10, 1st floor

09,30-10,15	Computational Fluid Dynamics – BlueCFD, **Sylwin Pawlowski**, (NOVA University, Lisbon, Portugal)
10,20-11,05	Data analysis (PCA and multivariate regression), **Claudia Galinha** (NOVA University, Lisbon, Portugal)
11,05-11,15	Pause
11,15-12,00	CFD - meshing, numerical schemes, **Sylwin Pawlowski**, (NOVA University, Lisbon, Portugal)
12,05-12,50	CFD - RTD simulations, **Sylwin Pawlowski**, (NOVA University, Lisbon, Portugal)
12,55-14,00	Lunch

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