

6th International Symposium on “Green and Smart Technologies for a Sustainable Society”

1 Live Online Scientific Seminars Program:

Thursday, 9th December 2021		
Time (in CET)	Title	Presenter
8:00 (Portugal) / 9:00 (Spain)/ 10:00 (Turkey)/ 17:00(Japan), <u>Opening</u>		
Seminars Session 1 Chair: Dr. Carla Brazinha		
9:15-9:45	Keynote 1: “Membrane Devices for Protein Crystallization”	Prof. Joao Crespo Universidade Nova de Lisboa, Portugal
9:45-10:00	“Expression of interleukin-36 family proteins in yeasts for drug development”	Prof. Hisashi Hoshida, Yamaguchi University, Japan
10:00-10:15	"Nanostructured materials and membranes"	Dr. Reyes Mallada, Universidad de Zaragoza, Spain
10:15-10:30	“Integration of magnetic nanomaterials and microfluidics for targeted separation of biomolecules”	Dr. Eugenio Bringas, Universidad de Cantabria, Spain
10:30-10:45	"Production of hybrid nanomaterials: case studies and applications"	Dr. Victor Sebastian, Universidad de Zaragoza, Spain
Seminars Session 2 Chair: Dr. Reyes Mallada		
11:00-11:30	Keynote 2: “Integration of membrane filtration and electrochemical oxidation for water treatment”	Prof. Ane Urriaga, Universidad de Cantabria, Spain
11:30-11:45	“Multicomponent iongel membranes for CO ₂ separation applications”	Dr. Liliana Tomé, Universidade Nova de Lisboa, Portugal
11:45-12:00	“Synthetic Natural Gas by biogas upgrading: catalysts, reactors and process configurations”	Prof. Jose Ángel Peña, Universidad de Zaragoza, Spain
12:00-12:15	“Sustainable production of hydrophobic deep eutectic solvents based-nanoemulsions by membrane emulsification for biomedical applications”	Dr. Carla Brazinha, Universidade Nova de Lisboa, Portugal

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Seminars Session 3 Chair: Dr. Gabriel Zarca, Universidad de Cantabria, Spain		
9:00–9:30	Keynote 3: “Zeolite membranes: has the peak passed or still to come?”	Prof. Izumi Kumakiri Yamaguchi University, Japan
9:30–9:45	“Green method to obtain thin film composite membranes for nanofiltration”	Prof. Joaquin Coronas, Universidad de Zaragoza, Spain
9:45–10:00	“Monitoring of membrane processes with fluorescence techniques and machine learning approaches”	Dr. Cláudia Galinha, Universidade Nova de Lisboa, Portugal
10:00–10:15	“Atomistic Study of CO ₂ -selective Mixed Matrix Membranes Describing the role of the ionic liquid“	PhD Student Paloma Ortiz, Universidade Nova de Lisboa, Portugal
10:15–10:30	“Why photocatalysis can be considered as a Green Technology for a Sustainable Development?”	Dr. Maria J. Rivero, Universidad de Cantabria, Spain
Seminars Session 4 Chair: Dr. Izumi Kumakiri, Yamaguchi University, Japan		
10:45–11:00	Keynote 4: “An history on zeolite membrane reactors”	Prof. Miguel Menéndez, Universidad de Zaragoza, Spain
11:00–11:15	“Porous polymer membranes functionalized with active materials for societal challenges”	Dr. Nazely Diban Universidad de Cantabria, Spain
11:15–11:30	“Ion exchange membranes with enhanced antifouling properties to produce energy from renewable sources”	Dr. Enver Güler, Atilim University, Turkey
-12:00	Closing ceremony & Award video presentation	