

International workshop on
“Women Scientists Working on Membranes”

Date: 05 Oct. 2021

Time: 10:00-12:30 (Central Europe Time, CET)
/ 11:00-13:30 (Turkey) / 17:00-19:30 (Japan)

Place: Online (Zoom) (Registration required)

Scope:

International cooperation is essential to tackle global challenges and to deliver the goals agreed in the 2030 Agenda for Sustainable Development (SDGs). Membranes are getting more attention as they can play key roles in various applications related to the challenges above. This workshop is organized to reinforce the international network in the membrane research area and to integrate young researchers. The workshop also celebrates the publication of a special issue entitled “*Women in membrane science*” in the Journal of Membrane Science and Research*.

* <http://www.msrijournal.com/news?newsCode=518>

Co-sponsored by:

Chemical Engineering Association, Yamaguchi division
Faculty of Engineering, Yamaguchi University
Core Clusters of Research and Education for Chemical Process Intensification (CPI),
Yamaguchi University

Registration:

1. Please register by 28th September at <https://forms.gle/xAqDBacv6kdKBtyU9>
(registration is for free of charge)
2. The invitation to a meeting place will be announced around 25th September.

Contact:

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Program

Time (in CET)	Topics	Presenter
10:00 (Spain) / 11:00 (Turkey)/ 17:00(Japan), Opening		
Invited lectures, Chair: Izumi Kumakiri, Yamaguchi University, Japan		
10:10-10:40	“Reclamation of geothermal water by membrane processes”	Prof. Nalan Kabay EGE University, Turkey
10:40 – 11:10	“Sustainable membranes for CO ₂ capture and utilisation”	Prof. Clara Casado Cantabria University, Spain
Student/Young researcher presentations, Part 1, Chair: TBA		
11:10 – 11:25	“Graphene-based nanomaterials scattered on biopolymeric membranes for in vitro neural and cancer models”	Marian Mantecón, Cantabria University, Spain
11:25 – 11:40	Effect of Membrane Type on Salinity Gradient Energy Generation by Reverse Electrodialysis (RED)	Esra Altıok, EGE University, Turkey
11:40 – 11:55	“Synthesis and application of novel anion exchange membrane for salinity gradient energy production by reverse electrodialysis”	Mine Eti, EGE University, Turkey
Student/Young researcher presentations, Part 2, Chair: Haruyuki Ishii, Yamaguchi University, Japan		
11:55 – 12:05	Photocatalytic decomposition of organics by Ag-TiO ₂ membrane and inhibition behavior of salt ions	Azzah Nazihah, Yamaguchi University, Japan
12:05 – 12:25	Ionic liquid Role in mixed matrix membranes for CO ₂ capture - a molecular dynamics study	Paloma Ortiz, Universidade Nova de Lisboa, Portugal
12:25-12:45	“Advances on the modelling of ternary polymer systems to predict phase separation membrane morphology”	Marta Romay, Cantabria University, Spain
12:45-12:55	Round table / Open discussion	
- 13:00	Closing	