

Special Issue

Selected Papers from the 16th International Conference on Catalysis in Membrane Reactors (ICCMR16)

Message from the Guest Editors

The specific program covered the following sections:

- Basics
- Catalytic Membrane Reactors (one-phase and multiphase systems).
- Catalytic Membrane Reactors (with catalytic membranes) vs. Inert Membrane Reactors (with inert membranes).
- Catalysts and membrane design for process intensification.
- Modelling and simulation for process optimization.
- Applications
- Large-scale membrane reactors and membrane techniques integrated with industrial processes.
- Photocatalytic membrane reactors and membrane reactors utilizing other advanced oxidation processes.
- Electrochemical devices and transport applications of membrane reactors (fuel cells, electrolyzers, electrochemical synthesis, etc.).
- Membrane bioreactors in wastewater treatment and biotechnology (cells and enzymes).
- Other membrane reactor applications (e.g., artificial organs and tissue engineering, etc.).

Guest Editors

Dr. Josè Luis Viviente

Prof. Dr. Fausto Gallucci

Dr. Alfredo Pacheco Tanaka

Deadline for manuscript submissions

closed (30 April 2024)



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Editor-in-Chief

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