

## 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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