



## 12th International Conference on Catalysis in Membrane Reactors

### FIRST CIRCULAR

#### Invitation to ICCMR12

The Local Organizing Committee and the International Organizing Committee have the pleasure to invite you to participate in the 12th International Conference on Catalysis in Membrane Reactors (ICCMR12) which will be held from June 22 to 25, 2015 in Szczecin (Poland). The ICCMR12 will be organized by the Institute of Chemical and Environment Engineering, West Pomeranian University of Technology, Szczecin.

#### Scope and topics

The aim of the ICCMR conferences is to promote the research and progress in the area of catalytic membrane systems by bringing together academic scientists and industry working in the membrane, catalysis and process engineering fields. The meeting

will highlight recent developments, bring new ideas, help making contacts and create a platform for discussion between academics and practitioners. We strongly believe that all the participants will have a great opportunity to make beneficial contacts and exchange ideas. The conference is addressed also to young researchers who will have a chance to interact closely with senior scientists.

The scientific program will feature four motivating plenary lectures given by distinguished researchers, keynote lectures, oral presentations and poster sessions.

### Topics

#### I. Basics

1. Catalytic Membrane Reactors (one-phase and multiphase systems)
2. Catalytic Membrane Reactors (with catalytic membranes) vs. Inert Membrane Reactors (with inert membranes)
3. Catalysts and membranes design for process intensification
4. Modelling and simulation for process optimization

#### II. Applications

1. Large-scale membrane reactors and membrane techniques integrated with industrial processes
2. Photocatalytic membrane reactors and membrane reactors utilizing other advanced oxidation processes
3. Electrochemical devices and transport applications of membrane reactors (fuel cells, electrolysers, electrochemical synthesis, etc.)
4. Membrane bioreactors in wastewater treatment and biotechnology (cells and enzymes)
5. Other membrane reactor applications (e.g. artificial organs and tissue engineering, etc.).

Additionally, a special session devoted to presentation of research projects (EU, national, etc.) will be organized.

### Important Dates

**3rd February 2015:** Deadline for Abstract Submission

**20th February 2015:** Abstract Notification

**1st April 2015:** Deadline for Early Bird Registration

### Venue

**Szczecin - the historical capital of  
Western Pomerania**



Szczecin is a city in the north-western part of Poland. It is the historical capital of Western Pomerania, and lies among the overflowing arms of the Odra River and at the southern end of the Bay of Szczecin. The city is located 12 km from the Polish-German border, 150 km from Berlin and 65 km from the Baltic Sea. Currently Szczecin has a population of almost 400 000 inhabitants.

Szczecin charms its uniqueness. Beautiful old buildings and star-shaped street arrangement make the city similar to Paris. The floating, green island on the Odra is today a great challenge for the best

designers. Szczecin cherishes a rather well-known West Pomeranian capital's centuries-old reputation for maritime trade, commerce and industry.

### What you need to know about Szczecin

- Medieval Szczecin was widely known as the castle that cannot fall. There used to be a saying in Denmark: "You aren't safe unless you're protected by the walls of Szczecin".
- Szczecin is the only one large city in Poland where you can find so huge amount of magnolia trees growing on the streets and in the parks.
- Szczecin was the place of birth of the tsarina Katherine II.
- Karl Loewe, the great German composer used to live in Szczecin. His heart is buried in the Szczecin Cathedral.
- The Pioneer (Pionier) Cinema was established in 1909; it is the oldest still working cinema in the world.

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