

Water and energy shortages motivate the deployment of a diverse suite of technologies to support our growth beyond the traditional limitations of natural resources. Membrane-based technology plays a progressively important role in the effort to effectively treat water and wastewater within this logic. As we recognize that long-term solutions to energy and water shortages cannot rely on provision of one through intense consumption of the other, innovation in this field is unceasingly aimed at increasing the efficiency of the treatment process.

The objective of this symposium is to bring together representative Italian and foreign parties working on membrane technology innovation, in an informal setting where to comfortably exchange ideas and reinforce the existing scientific network. We will highlight some of the recent work from academia, industry, and the public sector, to improve membranes and membrane operation, including invited and contributed talks and posters. Discussions will focus on topics that include A) membrane and scientific advances for increased membrane performance, B) process design and improvement of membrane-based liquid treatment for both civil and industrial needs, C) emerging applications of membranes focused on energy efficiency and environmental protection.

Symposium Committee:

Prof. Enrico Drioli, University of Calabria
Prof. Menachem Elimelech, Yale University
Prof. Mariachiara Zanetti, Politecnico di Torino
Dr. Alberto Tiraferri, University of Geneva
Prof. Rajandrea S. Sethi, Politecnico di Torino
Ing. Lorenza Meucci, SMAT Torino

Keynotes Lectures:

- Prof. Menachem Elimelech (Yale University)
- Prof. Enrico Drioli (University of Calabria)

Invited Speakers:

- Prof. Giulio Sarti (University of Bologna)
- Prof. Gustavo Capannelli (University of Genoa)
- Francesco Lanari (DOW Chemical Company)

Abstract Submission:

Abstracts and should be sent by email to: torino.symposium@gmail.com; they should be submitted in .DOC or .DOCX format, to fit one A4 page including figures and optional references. **They should comprise a title, the presenter's affiliations, and an indication whether the submission is for a talk or for a poster presentation.**

**EXTENDED DEADLINE FOR SUBMISSION:
July 21, 2013**

We will select from abstracts approximately 20 contributed talks. **Because oral presentation slots are limited, authors should be prepared to present a poster if their abstract is not selected for a platform presentation.** Each oral presentation will be limited to a 15 minute presentation. **The language of the symposium is English.**

Registration:

Registration is now open. Please complete the form below and send to **torino.symposium@gmail.com**. Participants should pay a fee of:

- Post-docs/PhD/Grad and Undergrad Students: € 120
- Faculty/Lab Tech/Industry: € 200
- GEAM/GITISA Members: € 150

This fee includes refreshments and lunches.

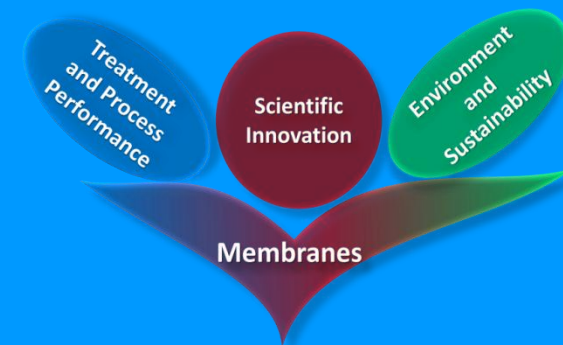
More detailed information will be given later regarding schedule, presentation and poster format, as well as accommodation and transportation (not included in the fee).

Symposium Location:

The lectures will be held at SMAT Torino
Corso XI Febbraio 1929, 14, 10152 Turin, Italy

MEMBRANES FOR LIQUID SEPARATION AND WATER TREATMENT: ENVIRONMENTAL APPLICATIONS AND FUTURE PERSPECTIVES

Torino - October 10-11, 2013



POLITECNICO DI TORINO

With the
Patronage of



GITISA
Gruppo Italiano di
Ingegneria Sanitaria Ambientale

In collaboration
with



GEAM

Ass. Georisorse e Ambiente
Sezione Italiana Acque Sotterranee