

European Membrane Society – Middle East School on Membrane Technology for Sustainable Water Desalination and Reuse

April 28 – May 3, 2012

Hosted by King Abdullah University of Science and Technology (KAUST)
Water Desalination and Reuse Center (WDRC)
Kingdom of Saudi Arabia



Registration

The registration will be free for Kaust students. For external participants a registration fee of US\$1000 will cover the scientific activities, accommodation (shared apartment at Kaust Inn), meals, transportation from Jeddah airport to Kaust and social events (boat trip). There will be a poster session for the participants.

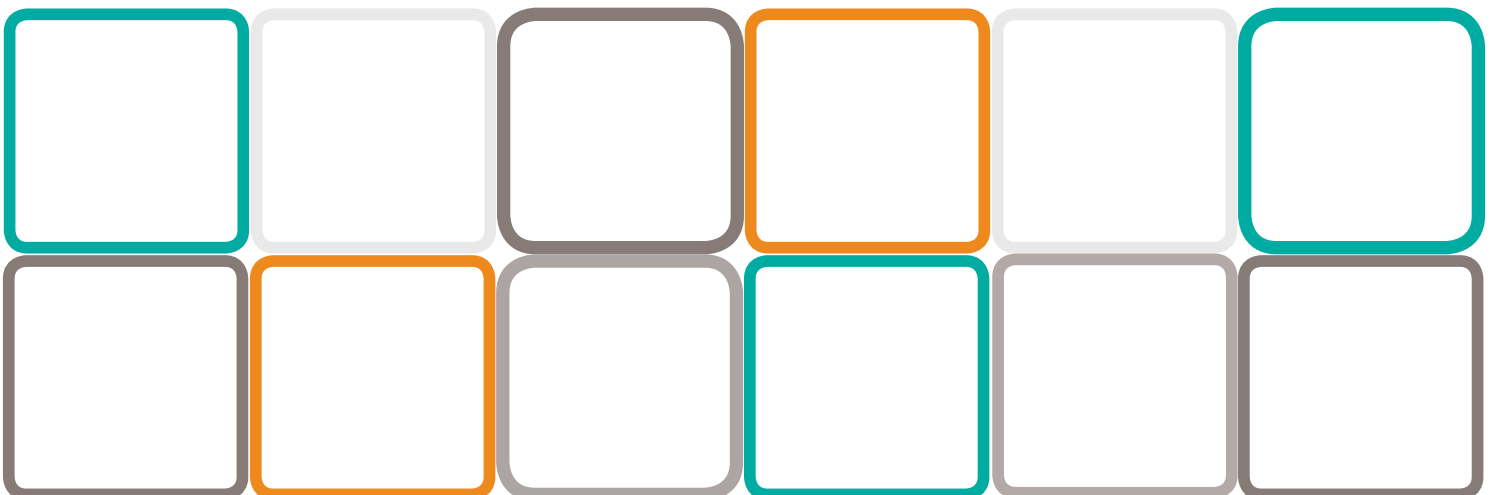
5 female and 5 male Master Saudi students from other Universities, as well as 3 Master students from European universities will have free registration. The students will be selected by taking in account their area of activity, previous performance at the university and letters indicating a potential interest in the PhD program at KAUST.

Deadline for free registration applications: [March 1st, 2012](#)

Deadline for registration: [March 10th, 2012](#) (required for visa arrangements)

Information

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Program

Saturday, April 28: Arrival and Registration

Sunday, April 29 - Thursday, May 3:

Water Desalination and Reuse



Gary Amy

Director of the Water Desalination and Reuse Center (KAUST-WDRC)
(Saudi Arabia)

Polymer Membranes



Mathias Ulbricht

University of Duisburg-Essen (Germany)

"Functionalized polymer membranes"



Klaus-Viktor Peinemann

KAUST-AMPMC (Saudi Arabia)

(Ex-President of the European Membrane Society)

"Creative membrane development - Past and future breakthroughs in
membranes for water treatment"



Suzana Nunes

KAUST-WDRC (Saudi Arabia)

"Nanostructured polymer membranes"

Ceramic Membranes



Kang Li

Imperial College, London (UK)

"Asymmetric ceramic hollow fibre membranes: Prospects for
wastewater treatment"



Andre Ayrat

European Membrane Institute (IEM), Montpellier (France)

"Multifunctional ceramic membranes for sustainable water
desalination and reuse"



Zhiping Lai

KAUST-AMPMC (Saudi Arabia)

"Novel metal-organic framework membranes for gas separations"

Membrane Characterization



Jean-Philippe Croue

KAUST-WDRC (Saudi Arabia)

"What information can we get from membrane autopsies?"

Membrane Processes and Engineering



TorOve Leiknes
NTNU, Trondheim (Norway)
(Ex-President of the European Membrane Society)
"Membrane bioreactors for advanced wastewater treatment"



Pierre Aimar
University of Toulouse (France)
(Editor of Journal of Membrane Science)
"Energetics of reverse osmosis for desalination"



Susana Luque
University of Oviedo (Spain)
(President of the European Membrane Society)
"Hybrid-membrane processes"



Lidietta Giorno
Director Institute on Membrane Technology (Italy)
(Ex-President of the European Membrane Society)
"Integrated membrane operations for food waste water treatment and recovery of valuable compounds"



Inmaculada Ortiz
University of Cantabria, Santander (Spain)
"The role of membranes in ZLD (zero liquid discharge) water treatment processes"



Gilbert Rios
Director of the European Membrane House (France)
"How water irrigates the European Membrane House"



Noredine Ghaffour
KAUST-WDRC (Saudi Arabia)
"Membrane Distillation"



Nabil Nada
NOMAC/ACWA POWER, Saudi Arabia
"An overview of desalination in Saudi Arabia"

