



North American Membrane Society

NAMS/ICIM 2010

Washington D.C., July 17-22, 2010

“Membranes: Enabling a Sustainable Future”

NAMS 2010 will be a joint meeting of the North American Membrane Society and the International Conference on Inorganic Membranes. Hosts for NAMS 2010 are the MAST Center at the University of Colorado at Boulder and The Ohio State University. Keep up with the latest news at the NAMS 2010 website, which will be coming online soon!



NAMS 2010 will be held at the Oriental Mandarin, an exceptionally beautiful hotel with many amenities and within easy walking distance of the National Mall, the Smithsonian Institute and many other landmark attractions. Take a tour: (<http://www.mandarinoriental.com/washington/>).

Sustainability is increasingly recognized as a societal requirement. The theme was selected to highlight the crucial role of membranes in developing and improving environmentally friendly processes for the intelligent use of natural resources and energy. In addition to presentations that highlight recent developments in polymeric and inorganic membranes, we will be soliciting presentations that demonstrate the importance of membrane science and technology in alleviating environmental problems and enabling the use of alternative energy sources.

The Journal of Membrane Science plans to publish a special edition tentatively entitled, “Membrane Science for a Sustainable Future,” in conjunction with NAMS 2010. Researchers who submit an abstract to NAMS 2010 in the area of sustainability will be asked to consider submitting a full paper to the Journal. These submissions must meet standard Journal publication requirements including peer review. The submission deadline for all papers will be August 30, 2010.

A high-level definition of sustainability has been offered by the United Nations Brundtland Commission: **“meet present needs without compromising the ability of future generations to meet their needs.”** For this Special Edition, papers are encouraged that show the development and use or potential application of membranes in the following areas:

- New membranes for energy production.
- Designing processes to produce and/or use energy as efficiently as possible.
- New membranes and processes for water desalination and reuse.
- Reduce/eliminate/remediate process effluents.
- Recycle process materials to the maximum possible.

We believe that there will be increasing economic demand and societal need for new membrane products and processes to further increase sustainable economic development. As membrane scientists and engineers, we know that membranes are used in many processes to separate, purify and recycle components efficiently and with low energy use. The goal of this conference is to demonstrate the importance of membrane science for the future of sustainability.

We encourage our international colleagues who will require a visa to register as soon as possible so that we will have sufficient time to provide a letter of invitation. Additional information will be provided in future announcements.



North American Membrane Society

NAMS/ICIM 2010

Washington D.C., July 17-22, 2010

“Membranes: Enabling a Sustainable Future”

We are pleased to announce the Plenary Speakers for NAMS 2010.

Monday's speaker will be Herve Buisson, who will speak on **Half a Century Later: The impact of membranes on water and wastewater management schemes**. Herve is currently the Vice-President of Technologies for Veolia Water - Solutions and Technologies, in the Americas, and a member of the Executive Committee of Veolia Water - Solutions and Technologies in the Americas. Prior to assuming this position, he was Managing Director of Veolia Water R&D centre near Paris (a 40 \$M/year leading water and waste water private research entity). Herve has been involved in process development for water and wastewater treatment over the past 20 years, and has specific expertise in membrane processes and their integration into novel water and wastewater management schemes. He is a long-time NAMS, EMS, EDS, IWA member, and currently serves as an expert advisor for organizations such as the Water Research Foundation, European Economic Commission – Research Directorate, Middle East Desalination Research Centre, and Canadian National Research Council.

On Wednesday, Johanna Wellington will speak on **Sustainable Energy: Trends and Opportunities**. Johanna started with GE Power Systems in 1992 as a combustion design engineer. In 1998 she joined the Power Generation Technology Laboratory, first as Technical Leader then as Lab Manager. In 2002 she accepted the role of General Manager, Accessory Systems Engineering, and in 2004 she became the General Manager for the Generator & Electrical Systems Engineering Department. In March of 2009, Johanna joined the Research Center in her current role as Advanced Technology Leader for Sustainable Energy. Johanna leads a broad portfolio of advanced technology research focused on sustainable energy and water solutions. Her specific research focus areas include renewables, carbon management, energy efficiency, smart grid enhancements, and low-cost water solutions.

NAMS/ICIM 2010 will be a joint meeting of the North American Membrane Society and the 11th International Conference on Inorganic Membranes. Hosts for NAMS/ICIM 2010 are the MAST Center at the University of Colorado at Boulder and The Ohio State University. Keep up with the latest news at www.membranes.org, and watch for our next announcement that will provide the link for the NAMS 2010 website.

NAMS/ICIM 2010 will be held at the Oriental Mandarin in Washington D.C., an exceptionally beautiful hotel with many amenities and within easy walking distance of the National Mall, the Smithsonian Institute and many other landmark attractions. Take a tour at: <http://www.mandarinoriental.com/washington/>.