

### ***3<sup>rd</sup> Oxford Water and Membranes Research Event***

***September 12<sup>th</sup> - 14<sup>th</sup> 2010, Lady Margaret Hall,  
The University of Oxford***

Dear Colleague,

The provision of clean drinking water from raw or salty water, the treatment and recycle of waste water, and the efficient recycling of streams and intermediates in industrial processes are amongst the most pressing challenges facing society to day. Membrane technology offers one of the most important and rapidly growing responses to these challenges, with an astonishing rate of growth.

With this in mind, over 50 scientists and engineers gathered in Oxford in both July 2006 and June 2008 to share ideas and progress in addressing these challenges. The most recent research event at Oxford, and the simultaneous joint UK- Israeli workshop, turned out to be as stimulating and unique an experience as the first, in a special intellectual, architectural and social environment. The participants learned much from their colleagues, engaging actively in the research discussions as well as finding new friends and fresh inspiration. In the spirit of the event, plenty of time was also built in for informal discussions and social interaction. The presented papers in the meeting were published in a special edition (Volume 8, issue 1) of the new *Desalination and Water Treatment Journal*.

Following on from the success of our first and second events, the next research event has now been planned for September 12<sup>th</sup>–14<sup>th</sup> 2010, at the University of Oxford. The theme encompasses any aspect of potable and wastewater treatment, the use of membranes for aqueous or organic liquid-phase separations, and synergies between the two. Immediately after the event, a master class on ‘Membrane Filtration and MBR Technology for the Water Industry’ will be offered for those who are interested (to be announced separately).

The residential event will be organized and chaired by Dr Nick Hankins and Dr Robert Field, both from the Centre for Sustainable Water Engineering in the Department of Engineering Science, the University of Oxford. As before, Professor Tony Fane (UNSW Sydney and NTU Singapore) will act as our Honorary Chairman.

Taking place in the uniquely inviting intellectual, social and architectural environment of Oxford in the golden tones of early autumn, the atmosphere will be friendly and relatively informal, while the scientific quality will be high. As with previous meetings, a deliberate emphasis is placed on informal and interactive discussions, both after each presentation and during the social and recreational activities.

The venue will be Lady Margaret Hall, a hidden jewel on the edge of the city, featuring beautiful lawns and flower beds which roll down to the river. There are sweeping views across the meadows, with the spires and towers of Oxford all around. Secluded but central, with brand new conference facilities in a setting of timeless calm, Lady Margaret Hall offers us a unique experience.

At this point, we are seeking expressions of interest in making a 25 minute presentation, or to attend as a delegate. With the kind support of Miriam Balaban, editor of Desalination and Water Treatment Journal, there will be an opportunity to publish your paper (if you wish), following review. Please send us your expression of interest, including a one page abstract, by April 30<sup>th</sup>, 2010 (or indicate you wish to attend as a delegate). The suggested list of topics below is not meant to be exclusive:

<b>Topic One:</b>	<b>Membrane Fundamentals</b>
<b>Topic Two:</b>	<b>Membrane Integrity and Characterization</b>
<b>Topic Three:</b>	<b>Membrane Fouling</b>
<b>Topic Four:</b>	<b>Membranes in Desalination and Potable Water Treatment</b>
<b>Topic Five:</b>	<b>Re-use and Re-cycle of Membrane Retentates</b>
<b>Topic Six:</b>	<b>Membrane Bioreactors</b>
<b>Topic Seven:</b>	<b>Emerging Membrane Technologies for Water Treatment</b>
<b>Topic Eight:</b>	<b>Socially Responsible and Sustainable Water Engineering</b>

**Chairs and Scientific Committee:**

**Professor Tony Fane, UNSW Sydney and NTU Singapore**  
**Dr Nick Hankins, University of Oxford**  
**Dr Robert Field, University of Oxford**  
**Professor Zhanfeng Cui, University of Oxford**

We look forward to your response.

Dr Nick Hankins  
University Lecturer in Chemical Engineering  
and Fellow of Lady Margaret Hall,  
Department of Engineering Science  
The University of Oxford  
Parks Road,  
Oxford OX1 3PJ  
Tel: +44 (0)1865 273 027  
Email: [nick.Hankins@eng.ox.ac.uk](mailto:nick.Hankins@eng.ox.ac.uk)

Dr Robert Field  
Reader in Chemical Engineering  
and Fellow of Balliol College  
Department of Engineering Science  
The University of Oxford  
Parks Road,  
Oxford OX1 3PJ  
Tel: +44 (0)1865 273814  
Email: [robert.field@eng.ox.ac.uk](mailto:robert.field@eng.ox.ac.uk)