

2nd MSA MEMBRANE WORKSHOP

Controlling membrane fouling: Design and operation

Fouling is a major challenge for both low and high pressure membrane separation processes, leading to increased energy consumption and increased frequency of chemical cleaning. This workshop focuses on the techniques available to control fouling during design and operation of membrane processes. The workshop also provides information on fouling in both laboratory and full scale membrane processes.

Monday 30th of June 2014

12:00 pm – 4:30 pm

Venue

University of Technology Sydney, (Building 02, level 7, room 65)

Pricing information

MSA members: FREE

Others: \$30

Registration

Deadline: 25 June 2014

Places limited (40 seats), so register now by emailing Takahiro Fujioka (secretary@membrane-australasia.org).

Program Schedule

12:00 – 12:15 *Arrival - Registration*

12:15 – 12:20 *Welcome Address*

Low Pressure Membranes

12:20 – 1:00 **Control of Fouling in MF & UF**

Dr. Geoffrey Johnston-Hall, Evoqua Water Technologies

1:00 – 1:30 **Characterisation and Detection of Organic Fouling**

Dr. Darli Myat, University of New South Wales

1:30 – 2:00 **Hydraulic Study of Aeration Efficiency on Fouling Control Using Computational Fluid Dynamics**

Ms. Xuefei Liu, University of New South Wales

2:00 – 2:30 *Coffee Break*

High Pressure Membranes & Membrane Distillation

2:30 – 3:00 **How to Successfully Manage Membrane Fouling in Water Recycling**

Ms. Elyse Harding, Veolia water Australia & New Zealand

3:00 – 3:30 **Biofouling Control of Reverse Osmosis Membranes Using Free Nitrous Acid**

Dr. Emmanuelle Filloux, University of Queensland

3:30 – 4:00 **Electrospinning and Fouling Reduction in Membrane Distillation Process**

Dr. Leonard Tijing, University of Technology Sydney

4:00 – 4:25 **Forum: Open Discussion on Membrane Fouling**

4:25 – 4:30 *Closing*



2nd MSA MEMBRANE NETWORKING

Feature: Membrane-related jobs in water industry

Find your new friend and share your experiences in membrane industries and academia!

Monday 30th of June 2014

4:40 pm – 5:40 pm (Seminar)

5:40 pm – 7:00 pm (Networking)

Seminar

1st Speaker: Dr. Geoffrey Johnston-Hall,
Evoqua Water Technologies

2nd Speaker: Mr. Andrew Kable, H2Otalent

Venue

University of Technology Sydney, (Building 02, level 7, room 65)
& UTS Unibar

Pricing information

MSA members: FREE

Invited Guests: FREE

Others: \$30

Registration

Deadline: 25 June 2014

Places limited (40 seats), so register now by emailing Takahiro Fujioka (secretary@membrane-australasia.org).

Further information

See the previous newsletter for a summary of the 1st networking event. <http://www.membrane-australasia.org/newsletters-march-2014-newsletter-.html>



The Membrane Society of Australasia

<http://www.membrane-australasia.org/index.html>