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Membrane Events in 2016

- Membrane Distillation and Related Technologies Workshop, University of Technology Sydney 15th Jan 2016
- EMN Meeting on Membranes, Dubai, UAE 5th-8th April 2016
- Membrane Technologies for Water Treatment in Urban Centers and Small Communities, Sfax, Tunisia 3rd-5th May 2016
- PERMEA & MELPRO, Prague, Czech Republic, 15th-19th May 2016
- The 10th Conference of Aseanian Membrane Society, Nara, Japan 26th-29th July 2016
- IMSTEC, Adelaide, Australia 5th-8th Dec 2016

Visit the MSA website for more details (<http://www.membrane-australasia.org/>)

Registration: Deadline 4th Jan 2016, free for MSA members / \$100 for non-members.

To register, please email Dr Leonard Tijing (Leonard.Tijing@uts.edu.au) and cc to A/Prof Hokyong Shon (Hokyong.Shon-1@uts.edu.au).

For more information, please visit [MSA website](http://www.membrane-australasia.org/)

2015 Overview and Outlook

Congratulations! It has been a fantastic year for the Australasian world of membranes. Throughout 2015, several workshops were supported on topics including pre-treatment for desalination (UNSW), ceramic membranes for gas separation (UQ), recent advances in forward osmosis (UNSW) and the 9th International Meso-Structured Material Symposium (UQ), coupled with networking activities among members. Early career researchers were funded to attend international conferences including the 4th International Water Association in Vietnam and Euromembrane in Germany. The mentoring program has continued to link early ambitious researchers with wise and experienced membranologists. Our Australasian membrane industry has been active with NuSep Holdings Limited (ASX:NSP) new research agreement with University of Melbourne, FujiFilm's release of the Apura™ gas separation membrane and IXOM's newly commissioned ultrafiltration system for treating clarifier and backwash waste water using DOW IntegraPac™ modules at the Sydney Water Treatment Plant. We have also seen most amount of membrane-related positions advertised since the advent of the society along with innovative breakthroughs by the community.

Keep an eye out for 2016 with a spectacular line up of membrane workshops and international conferences, see details listed in the sidebar. Don't forget to apply for travel awards and funding support to run your own workshops, seminars, symposiums and other networking activities available throughout 2016. The MSA board thank you for your participation and wishes you a Merry Membrane and Happy Hollow Fibre for the new year!

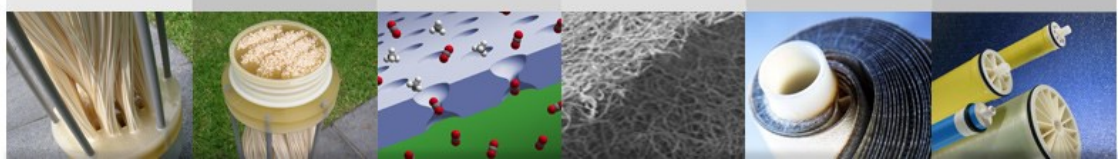
*On behalf of the MSA Board,
Chairman Aaron Thornton*

Membrane Distillation and Related Technologies Workshop (UTS 15th Jan 2016)

The aims of the workshop are to discuss and share current and new MD-based technologies, and to explore innovative approaches to further advance the MD process for a wide range of commercial opportunities. The workshop will bring together Australian researchers and some international experts to present different perspectives of MD and related technologies from fundamental aspects to application-based studies.

Confirmed speakers:

- Prof. Enrico Drioli, CNR-ITM, University of Calabria, Italy
- Prof. Tony Fane, NTU, Singapore
- Prof. Wendell Ela, Murdoch University
- Prof. Saravanamathu Vigneswaran, UTS, Australia
- Prof. Long Nghiem, UoW, Australia
- Neil Palmer, NCEDA, Australia
- Dr. Liju Francis, KAUST, Saudi Arabia
- A/Prof. Ho Kyong Shon, UTS, Australia
- Dr. Gayathri Naidu, UTS, Australia
- Prof. Viki Chen, UNSW, Australia
- Prof. Mikel Duke, Victoria University
- Dr. Leonard Tijing, UTS, Australia



Membrane Industry Highlight

DOW Water and Process Solution offers a range of free technical webinars on RO and UF membrane technology. All sessions are FREE and available for “on demand” viewing after a brief registration. Presentation slides and related documents are also usually available for download for each webinar.

The Water Academy curriculum offers:

- Direct access to leading experts in water treatment
- Technology deep dives on reverse osmosis, nanofiltration, ion exchange, ultrafiltration, self-cleaning filters, and electro de-ionization
- Application and industry-focused content
- Interactive Q&A opportunities
- On-demand webinars
- Training certificates upon successful completion of courses
- Quarterly Industrial Water Expertise Brief



Knowledge. Insights. Solutions.

Who should join?

Water treatment operators, engineers, utility and plant managers, in the public and private sectors, at all levels of experience.

Travel Award

Congratulations Kezia Kezia from the University of Melbourne who was awarded to present her work at Eur membrane on “Concentration of high salinity dairy effluent using membrane distillation.



Jobs

- [PhD Scholarship: Silica scaling on RO membranes, University of Queensland](#)
- [Lecturer \(Assistant Professor\), Senior Lecturer/Reader \(Associate Professor\), University of Bath, UK \(closes on 18th Jan 2016\)](#)
- [Postdoc Fellow in Advanced Bioseparations - University of Bath, UK \(close on 31st Dec 2015\)](#)

Membrane Research Highlights

- Direct contact membrane distillation for the concentration of saline dairy effluent
- Effects of bio-carriers on membrane fouling mitigation in moving bed membrane bioreactor
- Tailoring nanofiltration membrane performance for highly-efficient antibiotics removal by mussel-inspired modification
- Development of novel fluorinated additives for high performance CO₂ separation thin-film composite membranes
- Towards stable operation of a dynamic membrane bioreactor (DMBR): Operational process, behaviour and retention effect of dynamic membrane
- Phosphorus and water recovery by a novel osmotic membrane bioreactor-reverse osmosis system
- Hazardous events in membrane bioreactors – Part 3: Impacts on microorganism log removal efficiencies

Wishing you ...

A Merry Membrane & Happy Hollow Fibre!



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Please contact the editor to contribute to future editions. Email: newsletter@membrane-australasia.org