

## Advances in pre-treatment processes for desalination

26<sup>th</sup> Feb 2015



Membrane Society of Australasia

### Workshop Schedule



National Centre of  
Excellence in Desalination  
AUSTRALIA

<b>Title</b>	<b>Speaker</b>	<b>Time</b>
Welcome and Introduction	Pierre Le-Clech, UNSW Neil Palmer, NCEDA	9:30 – 10:00
<b>Morning Session</b>		
Optimising Low Pressure Membrane Pretreatment for Desalination	Adhikara Resosudarmo, UNSW	10:00 - 10:45
Hybridized Membrane Systems for Water Reuse and Desalination	Vigid Vigneswaran, UTS	10:45 - 11:15
Morning Tea		11:15 - 11:30
Validation of Evoqua Pressurized Membranes for Desalination Applications	Steven Cao, Evoqua	11:30 - 12:00
Open Discussion: Current Industrial Needs and Future Research Directions	Pierre Le-Clech, UNSW	12:00 – 12:30
<b>Lunch Break</b>		12:30 - 13:30
<b>Afternoon Session</b>		
Hybridised Membrane Pretreatment Systems in Desalination During Marine Algal Blooms	Adhikara Resosudarmo, UNSW	13:30 - 14:00
Advanced Characterisation of Seawater Organic Matter Using Fluorescence Spectroscopy and LC-OCD	Yulia Shutova, UNSW	14:00 - 14:30
Afternoon Tea		14:30 – 14:45
Removal of Transparent Exopolymer Particles and Microbial Communities in SWRO Plants	Sophie Leterme, Flinders Uni	14:45 - 15:15
Desalination Pre-treatment of Recycled Water Using Oxidation and Ceramic Microfiltration	Darli Myat, VU and UNSW	15:15 - 15:45
Discussion and closing statements		15:45 – 16:15