

ULTRAPURE WATER® Asia 2012*

Marina Bay Sands

Singapore

July 4-5, 2012

*Co-located at Singapore International Water Week

<http://www.ultrapurewater.com>

Conference Program (as of 6/5/12)

Wednesday, July 4:

Marina Bay Sand Convention Center, Level 3—
Meeting Rooms 3001, 3002 and 3003.

Moderator: Mr. Paul Tan, *GE Power and Water, Water & Process Technologies*

9:00 AM—Welcome and Conference Introduction

9:15 AM—2012 and Beyond: Asian Water Business Opportunities in UPW in Power, Pharmaceuticals, and Microelectronics

Mehbub Khan, *Veolia Water Solutions & Technologies*

9:45 AM-10:15 AM—Tea Break/Networking

10:15 AM—Sustainable Water Supply - Water, Energy and Waste Nexus

Harry Seah, *Singapore PUB*

10:45 AM—Asian Water Market and Technology Development Trends

Christina Fang, *Dow Water & Process Solutions*

11:15 AM— Overview of World Water Markets

Mike Henley, *ULTRAPURE WATER*

11:45 AM-1:15 PM—Lunch

1:15 PM—Desalination Market and Technology Trends and Opportunities

Nikolay Voutchkov, *Water Globe Consulting*

1:45 PM— An Introduction to the ITRS and SEMI Guidelines as they Relate to Semiconductor-Grade Water Requirements

David Blackford, Ph.D., *Fluid Measurement Technologies, Inc.*

2:15 PM—Closed Circuit Desalination for Water Reuse and Low Salinity Water Treatment

Richard Stover, *Desalitech, Ltd.*

2:45 PM— The Development of a New Non-Light Scattering Particle Counter and its Potential Use for Risk Mitigation to meet ITRS and SEMI Guidelines for Semiconductor UPW

David Blackford, Ph.D., *Fluid Measurement Technologies, Inc.*

3:15-3:45 PM—Tea Break/Networking

3:45 PM— Challenges of Recycling Cooling Tower Blowdown to a Power Plant

Joseph Lander and Michael Chan, *Duraflow*

4:15 PM— Inlet Distribution Design for an Improved and Robust Condensate Polisher System

Davis Yohanes Arifin and Govindan Alagappan, *Siemens Water Technologies*

4:45 PM—Day 1 Concludes

Thursday, July 5

Marina Bay Sand Convention Center, Level 3—
Meeting Rooms 3001, 3002 and 3003.

Moderator: Mr. Rajiv Dixit, *Hyflux*

9:00 AM—Introductory Remarks by Mr. Dixit

9:15 AM—Progress in RO Membranes and O&M to Mitigate Fouling

Yasushi Maeda, *Dow Water & Process Solutions*

9:45 AM—Expanding Operational Envelopes of the Electrodeionization Technology

Vladimir Pavlovic and John Barber, *GE Water & Process Technologies*

10:15-10:45 AM—Tea Break/Networking

10:45 AM—Innovations for Direct UV-Oxidation in Semiconductor Applications

Lukas Staub, Roger Schmid, and Morris Teo, *SWAN Analytische Instruments AG*

11:15 AM— Performance Qualified UV System Using in PW Treatment and Distribution

Ying Xu, Andrew Clark, and John Ryan, *Hanovia Ltd.*

11:45-1:15 PM—Lunch Break

1:15 PM—Ion-Exchange Resin Technology for High-Purity Water Production

Katsuya Takuwa, *Dow Chemical Japan Ltd.*

1:45 PM—25-Nanometer Optical Particle Counting Technology for High Purity Water Applications

William L. Shade, Jr., *Lighthouse Worldwide Solutions*

2:15 PM— Saving Energy and Chemicals via Upgrading RO Elements in an Ultrapure Water System

Andy W.C. Chow, Joseph S.M. Wang, and Chun-ju Chen, *Taiwan Semiconductor Manufacturing Co. Ltd.*; and Ronald Wen-Jung Chang, *Dow Chemical Taiwan Ltd.*

2:45 PM—Tea Break/Networking

3:00 PM—Low-Pressure, Dual-Function Membrane Pretreatment To Enhance High Brackish Water Desalination System Performance

Ivy Chua, Richard Woodling, Ph.D., and Gao Yonggang, *Siemens Pte. Ltd.*

3:30 PM— Electricity Generation from Acidic and Alkaline Waste Effluent

Rongaiang Fu and Keehoe Ng, *Siemens Pte. Ltd.*

4:00 PM—Conference Concludes

Visit www.ultrapurewater.com to register and for any program updates.

ULTRAPURE WATER ASIA

July 4-5, 2012, Singapore at the Marina Bay Sands Convention Center

Co-located at the Singapore International Water Week

This Conference covers world-class, state-of-the-art water treatment technologies for use by the Microelectronics, Biotechnology, Pharmaceutical, Power, and Manufacturing industries of the Asian continent.

Technical papers are presented by technical experts from throughout the industrialized nations. Water treatment technologies that are emphasized include Reverse Osmosis, Ultrafiltration, Nanofiltration, Electrodialysis, Ion Exchange, Electrodeionization, Microfiltration, and Instrumentation technologies. **All technical papers will be presented in English.**

Register early!
Limited space!

Yes, I wish to register:

- 2-DAY CONFERENCE** us \$595
 WEDNESDAY ONLY us \$330
 THURSDAY ONLY us \$330
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