



The Sustainable Laboratories Conference 2014

Sponsorship Opportunity available! Call SEAS now!

Date : 29 & 30 October 2014

Time : 9:00am – 5:00pm

Venue : Marina Bay Sands, Singapore

The Sustainable Laboratories Conference 2014 is organized by the Energy Research Institute at Nanyang Technological University (ERI@N) together with the Sustainable Energy Association of Singapore (SEAS) and supported by Singapore's National Environment Agency (NEA) and International Institute for Sustainable Laboratories (I2SL) in the US. It will be held in conjunction with the Singapore International Energy Week (SIEW), gathering of over 10,000 research, business and policy leaders.

SIEW is organized by the Singapore Energy Market Authority (EMA), a statutory board under the Ministry of Trade and Industry that is tasked with promoting effective competition in the energy market, ensuring a reliable and secure energy supply, and developing a dynamic energy sector in Singapore.

The Sustainable Laboratories Conference 2014 is a learning event under the Energy Efficiency National Partnership (EENP) Learning Network.

Organized by:

Singapore Sustainable Laboratory Group (S2Lab)



Supported by:



Objectives

At the end of the conference, participants will:

- Understand the scope, opportunities and benefits of sustainable laboratory development
- Learn how to achieve both safety and energy efficiency at the same time
- Get to know real case studies and best practices and learn how you can do the same
- Network with local and international experts in the field and pioneers who have undertaken projects to reduce energy consumption by 50%
- Visit demonstration projects and high class laboratories and high tech facilities.

Target Audience

- Researchers
- Engineers
- Consultants
- Laboratory owners/ developers
- Government policy makers
- Relevant stakeholders (for sustainable laboratories and facilities)

Sustainable Energy Association of Singapore (SEAS)

9 Penang Road, #08-02 Park Mall Singapore 238459 Tel: +65 6337 9886 Fax: +65 63376658 www.seas.org.sg



The Sustainable Laboratories Conference 2014

Website for registration: <http://www.asiacleanenergysummit.com/#!registration-fees/c1sy1>

Programme

Day 1: 29th October

Opening plenary

- Sustainability in Laboratories for the Future
- Welcome Address : National Environment Agency
- Welcome Address : S2 Lab
- Energy Savings in Laboratories Ventilation – Safety Considerations

Technical talks

- Designing and Operating Laboratories Exhaust Systems to Save Energy
- Laboratories Fume Hoods with Automatic Sash Control System – A Case Study
- Visionary Panel : How to Advance Laboratories Sustainability in Singapore

Designing and Operating Energy Efficient Smart Laboratories – An Interactive Workshop by UC Irvine Smart Laboratories Initiative

Hear about University of California, Irvine's Smart Laboratories efforts and results and how you can reduce your energy use and carbon footprint using their methods and lessons learnt. Topics covered include:

- Smart Laboratories Vision and Trends
- Smart Laboratories Design Guidelines and Codes
- Smart Laboratories M&E Engineering Strategies
- Energy Dashboard Set Up
- Laboratories Commissioning and Energy Performance Measurement

Day 2: 30th October

Briefing on Singapore Landscape – Opportunities for International Solution Providers

- Infrastructure Needs for the New Economy in Singapore
- Introduction to EcoCampus Initiative – Test Bedding and Demonstration Opportunities
- Singapore Cleantech Incubator and Accelerator Programme
- Laboratories Regulations and Policies in Singapore

Tour of Various Laboratory Facilities in Singapore

- Nanyang Technological University
- Biopolis – Singapore premier biomedical sciences hub
- CREATE Campus @ University Town of National University of Singapore

Registration & Fees

Sustainable Lab 1 day – 29 Oct

	Early Bird (by 30 Sept 14)	Normal Rate
SEAS & Supporting Members	SGD 420.00	SGD 620.00
Non-members	SGD 525.00	SGD 725.00

Sustainable Lab & Tour 1 day + Tour* – 29 & 30 Oct

	Early Bird (by 30 Sept 14)	Normal Rate
SEAS & Supporting Members	SGD 600.00	SGD 800.00
Non-members	SGD 750.00	SGD 950.00

* Limited to only 30 pax for the tour