



18 - 21 JULY 2017, SUNTEC SINGAPORE
WORLD ENGINEERS SUMMIT
APPLIED ENERGY SYMPOSIUM & FORUM



19 July 2017

FOR IMMEDIATE RELEASE

Media Release

Luminary Global Energy Leaders Convened in Singapore to Support Low Carbon Future

World Engineers Summit – Applied Energy Symposium & Forum 2017 to drive sharing and co-creation of engineering innovations for sustainable urban development from 18 to 21 July, 2017

The Institution of Engineers, Singapore (IES) today officially opened the doors to the World Engineers Summit – Applied Energy Symposium & Forum: Low Carbon Cities & Urban Energy Joint Conference (WES-CUE) 2017 at the Suntec Convention & Exhibition Centre, Singapore. The conference is a focal point for addressing pressing global issues arising from energy - and carbon- intensive urban development, with a special focus on harnessing engineering innovations to create a sustainable, low carbon future.

Mr Teo Chee Hean, Deputy Prime Minister and Coordinating Minister for National Security was the guest-of-honour at the opening ceremony. He addressed 400 multi-disciplinary engineers and scientists; energy, urban planning and environmental & water specialists; business leaders; academia and policy makers from more than 30 countries around the world.

Rapid urbanisation is elevating energy demand to unprecedented levels. According to the World Bank, cities consume about two-thirds of the world's energy and account for more than 70% of global greenhouse gas emissions. WES-CUE 2017 has brought together eminent experts,

renowned researchers, practitioners and policy makers to share latest research findings and engineering advancements critical for moving cities towards highly energy-efficient and sustainable practices.

For the first time, the biennial WES series has partnered with The Applied Energy Innovation Institute, to deliver profound and diverse technical content to delegates. The conference technical committee received a record 288 technical paper abstracts from more than 35 countries in response to its call for submissions, out of which a total of more than 150 are being presented at the conference.

“WES-CUE 2017 is designed to bring delegates to the forefront of scientific research and facilitate exchange of the latest progress in urban energy systems and policy options. This year’s summit will play a major role in helping engineers, business leaders, policy makers and other professionals accelerate the transformation of cities into low carbon urban systems and move the world towards a cleaner, more energy-efficient and resilient future,” said Prof S.K. Chou, Co-Chair, WES-CUE 2017 Joint Conference.

Prof J. Yan, Co-Chair of WES-CUE 2017, added, “Singapore offers an excellent meeting point for the chosen theme of the joint conference. Applied Energy Symposium & Forum: Low Carbon Cities & Urban Energy (CUE) is a platform under the Applied Energy network that focuses on urban energy systems covering topics such as energy supply, distribution and end use; smart eco-cities; urban transportation with efficient energy use and low emissions; microgrid and smart homes; BIPV and renewable energy applications; urban waste to energy; nexus of energy-water; and policy options.”

Summit Highlights

WES-CUE 2017 will address a range of critical issues with focus on six key topics: Transport, Building, Industry, Environment, Power Generation & Energy Storage and Urban Planning.

Four sustainability thought leaders kicked off the conference today as keynote speakers: Ms Jean Venables, Vice President of the World Federation of Engineering Organisations (WFEO) and Chair of Committee on Engineering & Environment (CEE); Professor Lui Pao Chuen, Advisor, Strategic Planning Division, Ministry Of National Development, Singapore; Dr Richard E. Rocheleau, Director, Hawaii Natural Energy Institute, University of Hawaii; and Dr Liu Thai Ker, Senior Director, RSP Architects Planners & Engineers (Pte) Ltd, Singapore.

Other conference highlights include:

- **WES-CUE 2017 Conference Dinner** on 20 July, 6.30pm to 9.30pm, to be graced by Mr Masagos Zulkifli, Minister for the Environment and Water Resources

- **WiSER Forum on 20 July, 9am to 12.30pm** a platform focusing on empowering and promoting women leadership in the engineering industry and professional fields
- **ASHRAE Distinguished Lectures Seminar** on 21 July, 9am to 6pm, focusing on the integrated design, installation and operation of Heating, Ventilation and Air-Conditioning (HVAC) system and Building Automation System (BAS) to achieve thermal comfort and indoor air quality in high performing buildings
- **Technical Site Visits** on 21 July, 2pm to 5pm, for delegates to personally tour several of Singapore's world-class facilities boasting sophisticated sustainability features
- **National Engineers Day 2017** on 19, 20 & 21 July, 9am to 6pm, an annual engineering festival organised by IES to promote engineering to the young

The event accepts on-site registration. Find out more at www.wes-ies.org or follow IES on [Facebook](#) and [LinkedIn](#) for the latest updates.

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About World Engineers Summit

Launched in 2013, the biennial World Engineers Summit (WES) is a premier platform that focuses on addressing global challenges arising from the impact of climate change by gathering influential thought leaders, policy makers, specialists, business leaders, multi-disciplinary engineers and leading academics from across the globe, to exchange expert opinion and present sound engineering solutions for the future. The WES is organised by The Institution of Engineers, Singapore (IES), the heart and voice of engineers in Singapore.

For more information, visit www.wes-ies.org.

About The Institution of Engineers, Singapore (IES)

The Institution of Engineers, Singapore (IES) was formally established in July 1966 as the national society of engineers in Singapore. IES is the premier engineering institution in Singapore and is called upon by the Government to provide feedback on professional engineering matters.

IES is well represented among the faculty members of the major engineering institutions of higher learning in Singapore. Through close collaboration with the local universities and polytechnics, IES organises courses, seminars and talks for engineers and IES members to advance the continuous development of engineers.

The Institution maintains close links with professional organisations of engineers regionally and throughout the world. These include organisations in Australia, China, Japan, United Kingdom and the United States. The Institution also represents Singapore in the ASEAN Federation of Engineering Organizations (AFEO) and the Federation of Engineering Institutions of Asia and the Pacific (FEIAP) in promoting goodwill, fellowship and exchange of knowledge among all engineers in ASEAN and the Asia-Pacific region.

Through its Engineering Accreditation Board (EAB), IES obtained full signatory status in the Washington Accord (WA) in June 2006. The entry grants IES the authority to represent Singapore, the first country within the ASEAN region which has obtained full signatory status in the WA, to vet education systems under the WA mutual recognition framework.

For more information, visit www.ies.org.sg.

About Applied Energy

Applied Energy is an international journal published by Elsevier. It provides a forum for information on innovation, research, development and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, analysis and optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems. The journal publishes original papers, review articles, technical notes, and letters to the editor. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The breadth of coverage ranges from innovative technologies and systems of both fossil and renewable energy to the economic industrial and domestic use of energy with no or minor impact on the environment. *Applied Energy* is also concerned with the attendant problems of modeling and forecasting, conservation strategies, and the environmental, social and economic impacts of energy policies and usage, including climate change mitigation and other environmental pollution reduction.

The Applied Energy network organizes several international conferences annually including:

- International Conference on Applied Energy (ICAE): www.applied-energy.org
- Applied Energy Symposium & Forum: Low Carbon Cities & Urban Energy (CUE)
- Applied Energy Symposium & Forum: Renewable Energy and Microgrid (REM)

Follow this link for more information: <https://www.journals.elsevier.com/applied-energy/>

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