

The International Association of Electrical, Electronic and Energy Engineering

NEWSLETTER



CSCSG 2024

Organized by **University of New South Wales** and co-organized by **Tsinghua University**, 2024 International Conference on Smart Cities and Smart Grid (CSCSG 2024) will be held in **University of New South Wales, Sydney, Australia** during **November 27-29, 2024**.

The 2024 International Conference on Smart Cities and Smart Grid (CSCSG 2024) will bring together leading academic scientists, researchers, leading companies and delegates from across the globe to present the most forward-thinking innovations that are transforming the way we live. With the rollout of 5G, the Smart City of the future becomes a realistic vision. The conference will provide a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of smart city.

● 2024 International Conference on Smart Cities and Smart Grid

CSCSG 2024 will aim to provide a forum for researchers and practitioners from academia, industry, government institutions, and regulators with background in communications, energy, control, signal processing, analytics and information systems to exchange ideas, explore enabling technologies and share experiences related to smart grids. We welcome you to join us for an exciting program during November 2024 and we hope that with its high quality, this conference will provide an exceptional value for students, academics and industry researchers.



Read More on www.icscsg.org



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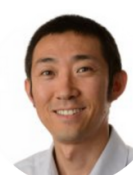


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Academician of the Chinese Academy of Engineering

Professor Yusheng Xue has been an elected academician of the Chinese Academy of Engineering since 1995. He is now the Honorary President of State Grid Electric Power Research Institute (SGEPRI or NARI), China, Adjunct Professor in dozens of universities in China and a conjoint professor of the University of Newcastle in Australia.

Professor Yusheng Xue is the Editor-in-Chief of Automation of Electric Power System (in Chinese, EI indexed) and that of Journal of Modern Power Systems and Clean Energy (in English, SCI IF 1.532), as well as Chairman of the Technical Committee of Chinese National Committee of CIGRE from 2005 to 2012. By the end of 2017, 25 Master students, 40 Ph.D students and 4 post-doctor were successfully supervised in the field of power systems or nonlinear dynamics. Other 16 Ph.D students and 1 post-doctor are being supervised. He has published 8 books and more than 604 technical papers, including 120 SCI-indexed ones and other 310 EI-indexed ones.



Prof. Yusheng Xue



Prof. Bram Hoex

University of New South Wales,

Professor Bram Hoex completed both an MSc and PhD degree from Eindhoven University of Technology in the Netherlands in 2003 and 2008, respectively. In 2015, Professor Bram Hoex joined UNSW, where he is currently a Deputy Head at UNSW's School of Photovoltaic and Renewable Energy Engineering. He has published over 250 scientific papers and is best known for his groundbreaking work on aluminium oxide for crystalline silicon surface passivation, which is now the de facto standard for industrial PERC and TOPCon solar cells. His work has received various international recognitions, including the 2008 SolarWorld Junior Einstein and 2016 IEEE PVSC Young Professional awards. Renewable Energy World listed him in the "Solar 40 under 40 list" globally in 2018.



Prof. Apel Mahmud

Flinders University

Apel Mahmud is currently working as a Professor in Electronic and Electrical Engineering at Flinders University. Prior to joining Flinders University, he worked as an Associate Professor in Electrical Engineering at Northumbria University Newcastle, UK from October 2021 to March 2024. At Northumbria, he was also the Head of Electrical Engineering. Before joining Northumbria, he worked as a Senior Lecturer (from and Lecturer in Electrical & Renewable Energy Engineering at Deakin University, Australia. He also worked as a Lecturer in Electrical & Electronic Engineering at Swinburne University of Technology, a Research Fellow at the University of Melbourne, and a research publication fellow at the University of New South Wales.



SPECIAL SESSIONS

Special Session I - Artificial Intelligence and Big Data Analytics in Power Systems: Innovations and Practices

Special Session II - Active Support Control of Renewable Energy for Frequency Regulation

Special Session III - Low Carbon Operation and Planning of Integrated Energy Systems: Development and Challenges

Special Session IV - Digitalization Application Technology of Distributed Smart Grids

Special Session V - Key Technologies for Energy Storage and Virtual Power Plants Flexibility Resources to Participate in Power System Operations and Commercial Mechanisms

Special Session VI - Low Carbon Planning and Intelligent Operation Technology for Virtual Power Plants

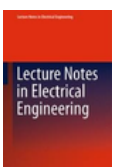
CALL FOR PAPERS

TOPICS OF INTEREST INCLUDE BUT NOT LIMITED TO:

- 5G
- Application-layer service engineering for smart grid
- Big Data Architectures
- Big Data Management
- Cloud Computing and Networking Infrastructure
- Communication-Based Control and Protection
- Deployable microgrids
- Electronic Service Delivery
- Energy Management Systems
- Energy-efficient smart grid systems
- Environmental sustainability
- Human-Machine Interfaces
- Impact of Smart Grid on Distributed Energy Resources
- Infrastructure-efficiency
- Integration of Distributed Resources
- Internet of Things for Smart Cities
- Large Power Grid Safety Control
- Power and Energy System Applications
- Security and Privacy of Big Data
- Smart and Connected Communities
- Smart Buildings
- Smart city
- Smart City Roadmap
- Smart Economy
- Smart Energy Systems
- Smart Environment
- Smart Grid and Smart Energy
- Smart Grid Architectures and Models
- Smart Grid Cyber & Physical Security
- Smart Grid Standards
- Smart Grid Strategy, Planning, and Standards
- Smart Grid Technologies and Equipment
- Sustainable Cities
- Virtual Organizations and Teleworking
- Wireless Communications
- Wireless Sensor Networks
- Zero Energy Buildings

PUBLICATION

All presented and registered full paper will be included in CSCSG 2024 conference proceedings, and published by [Springer Book Series-Lecture Notes in Electrical Engineering \(LNEE\)](#), which will be submitted to major citation databases like Ei Compendex, Scopus etc. for reviewing and indexing.



Ei Compendex on
Engineering Village

Scopus

SUBMISSION NOTES

1. Manuscripts submitted to the conference should be written in English only.
2. Manuscripts submitted to the conference should follow the template provided: Full Paper Template, Abstract Template
3. Manuscripts can be submitted in Doc, Docx and PDF format.
4. Oral or Poster presentations should be nominated while submitting an abstract.
5. The ordinary length is suggested no less than 5 pages, including all figures, tables, references, and appendices. If the paper exceeds 6 pages, the additional pages will be charged at the time of registration.

