

# Proceedings

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Grid and Smart Cities

(ICSGSC)

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2025 the 9th International Conference on Smart Grid and Smart Cities (ICSGSC)

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# Preface

The 9th International Conference on Smart Grid and Smart Cities (ICSGSC 2025) opened under the sponsor of Chengdu University of Technology and IEEE. On behalf of the university, we extended a warm welcome and heartfelt thanks to all participants for their presence and support. Hosted by the College of Nuclear Technology and Automation Engineering, Chengdu University of Technology, the conference reflected the institution's longstanding commitment to education and research.

The fields of smart grids and smart cities had experienced significant advancement, driven by increasing demand for sustainable and efficient energy solutions. The conference concentrated on novel theories and practical applications within these domains and provided a broad platform for experts and scholars to exchange recent research findings and consider future academic directions. Recognizing the opportunities and challenges ahead, participants emphasized the need for international cooperation and innovation through the sharing of best practices and experience.

Following a year of preparation, the conference commenced with a program that featured four keynote speeches, two invited talks, one Best Student Paper Competition, four special sessions, one poster session, and four online sessions. Renowned experts and scholars in smart grids and smart cities contributed as speakers, and the conference received 152 submissions from a range of countries including China, Russia, United Kingdom, United States, Peru, and Uzbekistan. After rigorous peer review, 99 papers were accepted for inclusion in the proceedings.

We hoped that attendees drew inspiration from scholarly exchange, forged professional friendships, and contributed collectively to the advancement of the power and urban systems sectors. With that, the 9th International Conference on Smart Grid and Smart Cities (ICSGSC 2025) was declared officially opened.

Prof. Dongsheng Cai, Chengdu University of Technology, China  
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