

SDPC
2025
October 24-26

IEEE International Conference on Sensing,
Diagnostics, Prognostics, and Control

Bridging research, technology from academia,
industry, and the world

CHONGQING
CHINA

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CALL FOR PAPERS

The 8th IEEE International Conference on Sensing, Diagnostics, Prognostics, and Control (**SDPC 2025**) will be held in **Chongqing, China**, on **October 24-26, 2025**. SDPC 2025 will be held together by Chongqing Jiaotong University, IEEE Beijing Section, Shijiazhuang Tiedao University, Chongqing University of Posts and Telecommunications, China Electronic Product Reliability and Environmental Testing Research Institute, Beijing Jiaotong University, Chongqing Technology and Business University, and CJA (Elsevier). SDPC 2025 will offer opportunities to bring the experts from both academic and industrial fields together to attain synergetic exchanges of ideas and practices.

Prospective authors are invited to submit high-quality original papers for presentation at the conference. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. Outstanding papers with sufficient extensions will be recommended to prestigious International Journals including *CJA* and *CJME*. SDPC 2025 will provide Best Paper Awards (Certificates & Cash) for student authors and non-student authors.

CONFERENCE TOPICS

Authors are invited to submit papers of relevance to the SDPC Conference. The SDPC topics and applications include but are not limited to:

- Advanced sensing and data acquisition
- Smart sensing and sensor networks
- Flexible electronic device
- Uncertainty representation and management
- Diagnostics and prognostics algorithms
- Prognostics for electronics systems
- Prognostics for energy storage and smart grid
- System safety and reliability
- Intelligent transportation system
- Intelligent materials, structures and systems
- Intelligent predictive control systems
- Fault tolerant control methods
- Intelligent bionic robot
- Industrial Internet technology
- Communication network and test technology
- Computer network and information security
- Intelligent perception and cognition
- Electromagnetic radiation protection technology



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IMPORTANT DATES

Draft Full Paper Due

July 1, 2025

Notification of Draft Paper Acceptance

August 15, 2025

Final Manuscript Due

September 1, 2025

Author Registration Deadline

September 15, 2025

Conference Dates

October 24-26, 2025

Full details of submission procedures are available at: www.sdpcconf.org

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