

SDPC 2024

July 26-28

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

SHIJIAZHUANG CHINA

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

www.sdpcconf.org
sdpc2024@sdpcconf.org

CALL FOR PAPERS

The 7th IEEE International Conference on Sensing, Diagnostics, Prognostics, and Control (**SDPC 2024**) will be held in **Shijiazhuang, China**, on **July 26-28, 2024**. SDPC 2024 will be held together by Shijiazhuang Tiedao University, IEEE Beijing Section, Chongqing University of Posts and Telecommunications, China Electronic Product Reliability and Environmental Testing Research Institute, Chongqing Jiaotong University, Beijing Jiaotong University, Chongqing Technology and Business University, and CJA (Elsevier). SDPC 2024 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 2024 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

COMMITTEE

Honorary General Chairs

Shaopu Yang, Shijiazhuang Tiedao U., China
Jie (Peter) Liu, Carleton University, Canada

General Chairs

Yongqiang Liu, Shijiazhuang Tiedao U., China
Yaguo Lei, Xi'an Jiaotong University, China
Ruijiang Hao, Shijiazhuang Tiedao U., China

Steering Committee Chair

Chuan Li, Chongqing Tech. and Business U., China

Publication Committee Chair

Mengqi Zhou, IEEE Beijing Section, China

Program Chair

Xiaohui Gu, Shijiazhuang Tiedao U., China

Program Co-Chairs

Zechao Liu, Shijiazhuang Tiedao U., China
Feiyue Deng, Shijiazhuang Tiedao U., China
Chris Mechefske, Queen's University, Canada
Claude Delpha, U. of Paris – Saclay, France
Yiqiang Chen, CEPREI, China
Nishchal K. Verma, Indian Institute of Tech., India
Xuyun Fu, Harbin Institute of Tech. Weihai, China
Yong Qin, Beijing Jiaotong University, China
Xiaojuan Yi, Beijing Institute of Technology, China
Nagarajan Raghavan, Sing. U. of T&D, Singapore
Fangyi Wan, Northwestern Polytechnical U., China
Fai Ma, University of California at Berkeley, USA
Yixiang Huang, Shanghai Jiaotong U., China
Guoliang Lu, Shandong University, China
Wenliao Du, Zhengzhou U. of Light Industry, China
Yan Su, NUAA, China
Linghui Meng, CEPREI, China

IMPORTANT DATES

Draft Full Paper Due
May 25, 2024

Notification of Draft Paper Acceptance
June 25, 2024 (Extended)

Final Manuscript Due
July 5, 2024 (Extended)

Author Registration Deadline
July 5, 2024 (Extended)

Conference Dates
July 26-28, 2024



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

SDPC 2024