

SDPC 2022 August 5-7

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 6th IEEE International Conference on Sensing, Diagnostics, Prognostics, and Control (**SDPC 2022**) will be held in Chongqing, China, on August 5-7, 2022. SDPC 2022 will be held together by Chongqing University of Posts and Telecommunications, Hefei Institutes of Physical Science of Chinese Academy of Sciences, Chongqing Jiaotong University, Chongqing Menlo Robot Technology Co. Ltd., IEEE Beijing Section, Harbin Institute of Technology at Weihai, Beijing Jiaotong University, Beijing Institute of Technology, Northwestern Polytechnical University, Chongqing Technology and Business University, and CJA (Elsevier). SDPC 2022 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*, *CJME*, *Digital Communications and Networks*. SDPC 2022 will provide Best Paper Awards (Certificates & Cash) for student authors/presenters and non-student authors/presenters.

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

April 30, 2022

Notification of Draft Paper Acceptance

May 15, 2022

Final Manuscript Due

May 25, 2022

Author Registration Deadline

June 1, 2022

Regular Attendee Early Bird Registration Deadline

June 1, 2022

Conference Dates

August 5-7, 2022

SDPC 2022

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

