2022 IEEE International Conference on Prognostics and Health Management (ICPHM 2022)

Special Session on Intelligent Monitoring and Optimization for Smart Manufacturing System

June 6-8, 2028, Detroit, MI / Online

Call for papers

This special session will focus on consolidating research efforts that aim at innovative sensing and artificial intelligence for process monitoring and optimization of smart manufacturing systems. Topics are included but not limited to:

- Condition monitoring of key equipment in smart manufacturing systems
- In-situ intelligent sensing methods for extreme working conditions
- Effective information extraction and multimodal sensor fusion
- Real-time process monitoring for metal additive manufacturing
- Process optimization and control of smart manufacturing processes
- Prognostics and health management applications within the smart manufacturing

Important Dates

Draft full paper: **February 28, 2022**

Notification of acceptance: **March 25, 2022**

Author registration due: **April 15, 2022**

Final Manuscript Due: **April 15, 2022**

Conference Dates: **June 6-8, 2022**

Please send an email to the session organizers, Haidong Shao (hdshao@hun.edu.cn), Min Xia (m.xia3@lancaster.ac.uk), or Bin Liu (b.liu@strath.ac.uk), after submitting papers through the conference system.

All presented papers that meet IEEE quality standards will be submitted to IEEE Xplore® for publication.