

CALL FOR PAPERS

International Journal of
Prognostics and Health
Management

SAE International Journal
of Aerospace

SPECIAL JOINT ISSUE ON **PHM FOR AEROSPACE SYSTEMS**

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The International Journal of Prognostics and Health Management (IJPHM) is the premier *online open access journal* related to multidisciplinary research on Prognostics, Diagnostics, and System Health Management. This special issue is focused on the development, implementation, and evolution of standards, guidelines, and best practices relevant to condition monitoring, diagnostic, and prognostic technologies across a range of operational domains.

Special Issue on PHM for Aerospace

Because of its origins – as a rigorous engineering discipline – in aerospace, the field of PHM has had close ties to aerospace for many decades. This special issue aims to exploit this historical relationship to highlight not only standard PHM topics but also newly emerging ones, many from the rapid digital transformation of the aerospace ecosystem.

The topics this special issue is soliciting paper for include the following:

- Survey papers highlighting existing PHM approaches in aerospace
- Financial impact and cost-benefit analysis for deploying PHM in aerospace
- Condition-based maintenance and MRO practices linked to PHM
- Tools developed for diagnostics and prognostics
- Analytical techniques for PHM
- PHM Standards vs. PHM guidelines vs. PHM best practices
- PHM applied to electrical and autonomous aircraft
- Deploying PHM in the commercial and military applications
- Structural health management for aircraft systems
- Certification of PHM functions and relationship to maintenance credits
- Standards for PHM in aerospace systems
- Digital transformation and its impact for aerospace systems

Submission Instructions: Please submit abstracts and manuscripts at www.ijphm.org. The manuscript template and instructions for authors are also available there.

Published papers will be invited to present their research at upcoming PHM Conferences in 2020

More information is available on the respective websites
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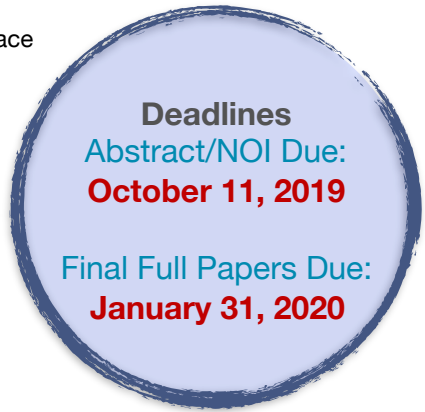
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Abstract/NOI Due:
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Final Full Papers Due:
January 31, 2020