

Call for Exhibitors

2019 Prognostics and System Health Management Conference

PHM | 2019

Paris
France

www.phm2019.org
phm@phm2019.org

Important Dates

Draft Full Paper Submission Due

February 1, 2019

Notification of Paper Acceptance

February 20, 2019

Author Registration Due

March 5, 2019

Final Manuscript Due

March 5, 2019

Committee

General Chair

Jie (Peter) Liu, Carleton University, Canada

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Ryad Zemouri, Le Cnam, France

Noureddine Zerhouni, Femto St, France

Following the successful PHM conferences over the past 9 years, the 2019 Prognostics and System Health Management Conference (PHM 2019) will be held in Paris, France, on **May 2-5, 2019**. This conference will be held together by Le Cnam, University of Paris – Sud, IEEE Reliability Society, IEEE France Section, Femto St, Alstom Digital Mobility, International Society of Measurement, Management and Maintenance, CTBU, Carleton University, CALCE, CJA, and LPTi. All the accepted papers will be published in IEEE Xplore® for indexing with Engineering Index (EI). Selected excellent papers will be published in the special issues of several SCI journals. Please refer to the conference website (www.phm2019.org) for more details.

Paris is the capital and most populous city of France. Paris has a rich history with numerous world-renowned attractions for visiting, such as Eiffel Tower, Seine River, Louvre Museum, Triumphal Arch, and Notre Dame de Paris. Paris is also the center of a vibrant academic and industrial research community in PHM and related areas such as data science.

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Along with the conference paper sessions that cover a wide array of topics given below, **PHM 2019 Paris also offers a venue for exhibitors to showcase their products and services**. A desk and two chairs will be provided to each exhibitor and some special needs may be accommodated if known early.

Principles

- Sensors and devices
- Structural sensing
- Modeling and simulation
- Data-driven methods
- Model-based methods
- Multi-sensor fusion principles
- Logic/reasoning techniques
- Verification, validation, and maturation
- Benchmarking
- Affordability aspects and business cases for PHM
- Standards and methodologies

System Designs & Implementation

- Requirements development
- System design & engineering
- Automated reconfiguration
- Statistical analysis of uncertainty
- Component-level PHM
- Nondestructive evaluation technologies with PHM utilization
- Decision support & simulation
- PHM computer-aided engineering technologies/applications
- Physics of failure

Applications

- Rail Transportation
- PHM within power smart grid technology
- PHM within distributed, networked & cloud computing
- PHM for electronics components and systems
- PHM within innovative aerospace and defense, appliance, medical, electric vehicle, deep drilling, and energy applications
- Fleet/industrial PHM-based maintenance management
- Informed logistics
- Lessons learned from PHM systems design and integration

le cnam

femto-st
sciences & technologies

UBFC
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UNIVERSITÉ
PARIS
SUD

ALSTOM

IEEE
Reliability Society

IEEE
France Section

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LIFE CYCLE ENGINEERING

Carleton
UNIVERSITY
Canada's Capital University

iSMMM
International Society of Measurement, Management, & Maintenance

重慶工商大學
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CJA