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Call for Papers



2012 IEEE International Conference on Prognostics and Health Management

Enhancing Safety, Reliability, Availability, and Effectiveness of Systems through PHM
Omni Interlocken Resort, Denver, Colorado, June 18-21, 2012

<http://www.phmconf.org/>

The IEEE Reliability Society is seeking original papers for presentation at the 3rd Annual Conference on Prognostics and Health Management (PHM) in Denver, CO, June, 2012. The Conference will bring together the expertise of the PHM academic, technical, and management communities to facilitate cross-fertilization in this broad interdisciplinary technical area.

The conference will address all of the broad aspects of PHM across all disciplines, technologies, and levels. It will encourage active networking between managers, practitioners, and scientists from academia, government, and industry from across the globe addressing:

- Scientific methodologies for PHM research
- Innovative PHM business approaches
- Broad PHM utilization aspects
- Space, Weight, Power, and Cost / Benefit of PHM
- Successes / Lessons Learned in PHM development and implementation

This conference provides a sociable, professional environment to network with other practitioners and experts, forge new relationships, and deepen existing ones. The conference will cover a broad range of research and application topics over the full scope of PHM development, from systems engineering and design to processes, methodology, and barriers to PHM application and implementation. World-renowned speakers will provide presentations, and participate in panel discussions, with a full day of tutorials free to all registrants.

Paper Topics Include: Physics of failure, Sensors / Devices, Structural Health Monitoring / Management, Modeling & Simulation, Sensor Data Fusion, Logic and Reasoning Techniques, PHM Algorithms, Business Case Analysis, Requirements and Standards, Automatic Reconfiguration, Statistical Analysis of Uncertainty, Non-Destructive Evaluation for PHM, Decision Support, PHM in EV & Smart Grid (Power) Applications, Distributed Networks / Cloud Computing, PHM-based Fleet Management and Logistics, Lessons Learned...

Papers describing original work are solicited! Abstracts and full papers will be peer reviewed and selected based on originality, significance, quality, and clarity. Accepted and presented papers will be published in the **Conference Proceedings** and entered into the **IEEE Xplore®** digital library

Technical Co-Sponsors

Key Author Dates:

Abstracts Due:	15 Dec 2011
Full Paper Due:	15 Jan 2012
Notification of acceptance:	24 Feb 2012
Final Manuscripts due:	1 Apr 2012
Submit abstract & full paper at http://www.phmconf.org/	
Submit A Paper / Be Recognized!	