



Photo courtesy Ron Ruhoff and Visit Denver

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 during June, 2012. The conference will bring together the expertise of the academic, technical and management communities for facilitating cross-fertilization in this wide-ranging, interdisciplinary technical area.

The conference will address all of the broad aspects of PHM across all disciplines, technologies, and levels (hardware/software). 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 covering the full scope of PHM development. World-renowned speakers will provide presentations, and participate in panel discussions, with a full day of tutorials free to all registrants.

Paper Topics Include: Systems Engineering, PHM Software-Logic-Reasoning, PHM Design Techniques and Algorithms, Non-Destructive Evaluations (NDE), PHM Affordability, PHM Applications, Medical Equipment-Diagnostics/Prognostics, PHM Research, and Electric Vehicle (EV) PHM Diagnostics/Prognostics. These areas will include multiple aspects of PHM, such as physics of failure, the future of PHM (2020), PHM in higher education, and the grand challenges facing PHM practitioners.

Technical Co-Sponsors

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 the **IEEE Xplore®** digital library

Key Author Dates:

Full Paper Due: 15 Jan 2012
 Notification of acceptance: 7 Feb 2012
 Final Manuscripts due: 1 Apr 2012
 Submit abstract & full paper at <http://www.phmconf.org/>
Submit A Paper / Be Recognized!