

CALL FOR PAPERS

1st European Conference of the Prognostics and Health Management (PHM) Society

July 3-6, 2012, Dresden, Germany

The PHM Society is seeking original papers for presentation at the 1st European Conference of the Prognostics and Health Management (PHM) Society, July 3-6, 2012 Dresden Germany.

The First European Conference of the Prognostics and Health Management Society 2012 will bring together the European community of PHM experts from industry, academia, and government in diverse application areas such as energy, aerospace, transportation, automotive, and industrial automation. 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 the following topics:

- Prognostics – prediction of remaining useful life.
- Prognostics system design and engineering
- Prognostics sensors and detection methodologies
- Physics of failure prognostics
- Asset health management
- Structural health management
- Prognostics for electronics
- Diagnosis and fault isolation methods
- Data-driven and model-based prognostics
- Condition-based maintenance technologies
- Standards and methodologies
- Fault-adaptive control methods
- Return-on-investment analysis
- Deployed applications and success stories

Prospective authors are invited to contribute full length, original, high-quality papers. PHM Europe 2012 will feature tutorials, keynote presentations, regular presentations of research papers and a limited number of poster presentations of work in progress. Submitted papers will be reviewed by experts based on the criteria of originality, significance, quality, and clarity. A major differentiator for the PHM Society is its modern approach toward intellectual property rights. Authors retain copyright in their work while allowing the PHM Society to distribute their work through a Creative Commons License. As a result, all articles published by the PHM Society are available to the global PHM community via the internet for free and without any restrictions. Selected papers will be invited for publication on the International Journal of Prognostics and Health Management, an open access online journal for the global PHM community.

PHM Europe 2012 will feature posters and hold a poster session. Posters are intended for authors and participants to engage in discussions about their work and are an opportunity to presents late-breaking results, ongoing research or work in progress.

More information about the conference and the paper/poster submission process can be found at the PHM Europe 2011 Conference web page:

<http://www.phmeurope.com>

We look forward to seeing everyone in Dresden, Germany this summer!

Key Dates

Paper Submission Opens: November 25, 2011

Paper Submissions Due: **March 16, 2012**

Registration Opens: February 17, 2012

Paper Review Feedback: April 22, 2012

Final Papers Due: June 1, 2012

General Chair:

Ian Jennions (Cranfield University, UK) <phme_chair@phmconference.org>

Vice Chair

Peter Bunus (Linköping University, Sweden)

Organisation

Roxane Rose <rrose@executiveevents.com>

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Abhinav Saxena (NASA/SGT) <phme_tpc@phmconference.org>

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Len Gelman (Cranfield University, UK)

Panel Chair

Andy Hess (Hess PHM Group)

PHM in Industry session

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