



2013 Prognostics and System Health Management Conference, PHM-2013

September 8-11, 2013, Milan, Italy

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CALL FOR PAPERS

Uncertainty in PHM

The tasks of fault detection, diagnostic and prognostic are affected by several sources of uncertainty such as randomness in the future degradation of the equipment, inaccuracy of the PHM model and uncertainty in the values of the signal measurements used by the PHM model to elaborate its outcome. Therefore, any outcome of a PHM model should be accompanied by an estimate of its uncertainty, in order to confidently plan maintenance actions, taking into account the degree of mismatch between the PHM model outcome and the reality.

In this context, the aim of this session is to gather experts and collect their contributions with regards to the representation, propagation and management of uncertainty in PHM. Both theoretical contributions and papers on practical applications are welcomed, to highlight the potential, the limitations, the criticalities and difficulties of uncertainty management in PHM, and the needs for further developments.

Please submit your abstract through the conference website:

<http://www.aidic.it/phm/abstractsubmission.html>

by selecting the proper topic (special session number 17) Also, please send a copy by email zhaowei203@buaa.edu.cn).

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Please submit your abstract by: October 23, 2012