



2013 Prognostics and System Health Management Conference, PHM-2013

September 8-11, 2013, Milan, Italy

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CALL FOR PAPERS

Health monitoring and prognostics in automotive industry

This special session is promoted within the activities of the European project "Electrical powertrain Health Monitoring for Increased Safety of FEVs (HEMIS)"

Automotive industry is demanding new solutions to increase vehicle safety, easy guidance and optimize maintenance tasks. This requires an enhanced description of the vehicle and its environment and the development of effective health monitoring and prognostic systems able to provide information on the failsafe state of the vehicle components.

The aim of this session is to gather experts and collect their contributions with regards to the development and application of PHM techniques in the automotive industry.

Examples of techniques of interest are:

- In-car condition monitoring;
- Condition data analysis;
- Fault diagnostic and prognostic;
- Condition-based and Predictive maintenance;
- Safety assessment and decision making;
- Assessment of PHM application in automotive industry.

Examples of applications are:

- driving assistance systems;
- electronic brake-force distribution systems;
- motor efficiency monitoring systems;
- oil condition monitoring systems.

Please submit your abstract through the conference website <http://www.aidic.it/phm/abstractsubmission.html> by selecting the proper topic (special session number 23). Also, please send a copy by email to the organizer of this special session.

Organizer:

Ainhua Galarza

Electronics and Communications Department,
CEIT

Paseo Manuel de Lardizabal, 15
20018 San Sebastian, SPAIN

agalarza@ceit.es

Please submit your abstract by: November 12, 2012

