ESREL2020PSAM15

www.esrel2020-psam15.org

CALL FOR ABSTRACTS

Special session on
Artificial Intelligence for Maintenance Decision Support

Description

Discussion of how artificial intelligence, and in particular machine learning techniques, can be leveraged in order to support maintenance decisions to ensure system performance more cost-effectively. It will also include corresponding challenges to both industry and academia.

Motivation

The emergence of powerful machine learning algorithms, along with the availability of vast amounts of data in near real time, has led to the expectation of a new paradigm in designing and performing maintenance.

Objective

Opening a session to address these emerging issues related to the use of artificial intelligence approaches in maintenance modelling and decision support, at different levels from diagnosis/prognosis, deterioration modelling to decision making, and gathering researchers and practitioners interested and engaged in these topics.

Please submit your abstract by November 10, 2019

Please submit your abstract through the conference website, www.esrel2020-psam15.org/authors.html. In step 1 of the submission procedure, select "*Artificial Intelligence for Maintenance Decision Support*" as conference track. Also, please send a copy of the abstract by email to the special session organizers.

Organizer

Christophe Bérenguer, christophe.berenguer@grenoble-inp.fr
University of Grenoble Alpes, Grenoble Institute of Technology, France
Pierre Dersin, pierre.dersin@alstomgroup.com, pieder@ltu.se
Alstom, France
LTU, Sweden
Olga Fink, fink@ibi.baug.ethz.ch
ETH Zürich