



Einladung zum Vortrag

Prognostic and Health Management Fundamentals: Particle-Filtering-Based Prognosis

von Prof. Marcos Orchard, Universidad de Chile

Datum: Dienstag, 24. März 2015

Uhrzeit: 10.15 – 11.45 Uhr

Ort: S3 058, Science Park III

Abstract:

Particle filters (PF) have been established as the de facto state-of-the-art in failure prognosis, and particularly in the representation of the uncertainty that is associated to long-term predictions. This talk explores some of the most important aspects associated to the problem of failure prognosis, with special emphasis on the utilization of Particle Filter (PF) algorithms for uncertainty representation, and outer feedback correction loops for uncertainty management in prediction. Application examples will include problems associated to battery management systems.