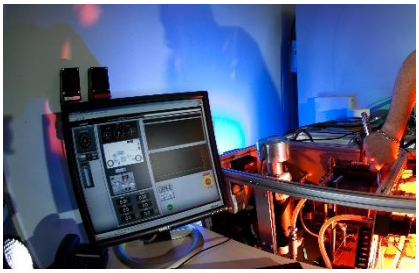
FUEL CELLS AND HYDROGEN JOINT UNDERTAKING

GIANTLEAP

Mid-Term Workshop

Lifetime extension of fuel cell systems for electrical buses

12 December 2017, Atria Novotel Congress Center in Belfort, France



INVITATION

We are pleased to invite you to the mid-term workshop of GIANTLEAP that will be held, on December 12th 2017, in Belfort, FRANCE. The aim of this workshop is to provide a forum for researchers and industrials around topics such as fuel cell degradation mechanisms, prognostics and control related to fuel cell systems for transport applications.

DESCRIPTION

Fuel-Cell Electric Buses (FCEBs) have been deployed in multiple demonstrations in Europe, Canada and the USA, but they still suffer from high costs and low availability. GIANTLEAP aims to increase the availability and reduce the total cost of ownership of FCEBs by increasing the lifetime and reliability of the fuel cell system. This will be achieved with advanced online diagnostics of the fuel cells and the balance-of-plant components of the system, coupled with prognostics methods to calculate the system's residual useful life, and advanced control algorithms.

REGISTRATION

To register please visit:
http://giantleap.eu/?event=giantleap-workshop-vppc2017

PROGRAM

GEA SA, Switzerland, Cities of tomorrow: what kind of solutions for the first and last mile?

VALEO, France, Impact of smart mobility on energy and relationship with electrified vehicles

DOE, USA, Hydrogen and fuel cell activities for transportation applications

GIANTLEAP, I. Halvorsen, R. Petrone, G. Radica, "Diagnostics, Prognostics and Control models for bus fuel cell systems"

GIANTLEAP, H. Fischer, "Fuel Cell Systems for FCE buses"

GIANTLEAP, R. Bouwman, "Range Extender for Electrical Citybus"

NewBusFuel, E. Boyd, "Hydrogen fuel production and dispensation costs for fuel cell bus operators"

High V.Lo City, V. Willmann, "Towards zero emission public transports with fuel cell electric buses"

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