



IEEE VTS Motor Vehicles Challenge 2017

Energy Management of a Fuel Cell/Battery Vehicle



The challenge is a simulation based competition: an open Matlab Simulink program is provided including a model of the vehicle, the local control and all the numerical parameters (experimentally validated). The teams should develop the best energy management strategy in order to minimize the operating cost. The scoring function takes into account hydrogen consumption and degradation of the fuel cell and battery. Several test driving cycles are provided but the scoring one is secret...

A paper describing the challenge, and all the models and necessary information to participate can be found in <http://www.uqtr.ca/VTSMotorVehiclesChallenge17>



Register to compete by
15 December 2016

Submit strategy by
15 January 2017

Decisions made
February 2017

First prize: \$3000 grant to attend VPPC 2017
Second prize: \$1500 grant to attend VPPC 2017

This competition is open to everyone (students, academics, industry); A participant must be a VTS member at the time of registration in order to receive the grant, so **JOIN NOW** and



Compete with the best teams from around the world!

join.vtsociety.org

Challenge Committee Chairs

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