

# BUILDING DEPENDABLE EMBEDDED SYSTEMS: The collaborative Way

21<sup>st</sup> February 2012, 13:00 to 16:00 CET

2<sup>nd</sup> Meeting of the DESTECS Industry Group Brussels



One of the greatest challenges in developing dependable embedded systems is bridging the gap between the engineering disciplines involved. Collaborative modelling technology lets engineers combine diverse design models for control software and controlled plant, running co-simulations from early design stages, to identify faults and bottlenecks.

This meeting is designed for innovators and developers of embedded systems. It will introduce co-modelling and co-simulation technology developed in the DESTECS project ([www.destecs.org](http://www.destecs.org)) and give insights into the experience of developers using the methods and tools in the transport, space, defence and industrial plant domains. In 2010 we invited the DESTECS Industry Group to propose three challenge problems for the methods and tools developers, and at this meeting we will report on each of them, giving a real insight into what is achievable using co-modelling and co-simulation, even on effort levels of only 2 person-months.

## Programme:

1. Welcome by Verhaert (Frederik Wouters)
2. Collaborative Modelling & Co-simulation: the DESTECS Methods (John Fitzgerald, Newcastle University)
3. Using the DESTECS Co-simulation tools: the Verhaert excavator (Yoni de Witte, Verhaert)
4. Industry Follow Group challenges:
  - a. Planetary Rover (proposed by ESA-ESTEC), Christian Kleijn, ControlLabs Products
  - b. Flare Dispenser (proposed by Terma), Sune Wolff, Terma
  - c. Sortation System (proposed by Crisplant), Kim Bjerger, Aarhus School of Engineering

Please register for this event:

Online at [www.destecs.org/component/forme/?fid=1](http://www.destecs.org/component/forme/?fid=1) or by e-mail to [pgl@iha.dk](mailto:pgl@iha.dk)

