



FMI User Meeting

11th Modelica Conference, 2015, Sept. 21st..23rd

Program Committee:

T. Blochwitz	ITI GmbH
C. Bertsch	Robert Bosch GmbH
H. Elmqvist	Dassault Systemes AB
A. Junghanns	QTronic GmbH
M. Otter	DLR e.V.

Agenda

01:00	Overview on FMI Project	T. Blochwitz (ITI)
01:15	FMI Processes	A. Junghanns (QTronic)
01:25	FMI Future Directions	T. Blochwitz (ITI)
01:40	Smart Systems Engineering	S. Rude (BMW AG)
02:00	Initiatives for acausal model connection using FMI in JSAE	Y. Hirano (Toyota)
02:20	HiL real-time testing of a gearbox controller unit including a physical gearbox FMU	A. Pillekeit (dSPACE) Ch. Kehrler (ITI)
02:40	Break	
03:00	Systems Model Integration & Distribution using the Functional Mock-up Interface at Jaguar Land Rover Ltd.	J. Chapman (Jaguar Land Rover Ltd.)
03:20	Usage of FMI at Audi and Volkswagen	C. Bals, T. Filler
03:40	FMI experience at ZF – Progress in Modelica Association Project „System Structure and Parameterization“	J. Köhler (ZF AG)
04:00	FMI-based Model Exchange for Aircraft Energy Systems	D. Zimmer (DLR)
04:20	Conclusion	All