

Tutorial at the

13th INTERNATIONAL **MODELICA** CONFERENCE

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Title:

Introduction to FMI including Model-Exchange and Co-simulation, SSP, and Graphic Editing of Composite FMI Models

Presenter(s):

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Abstract:

This tutorial gives an introduction to the FMI (Functional Mockup Interface) standard 2.0, simulation using model-exchange and co-simulation, FMUs & FMU export, and interfacing to other tools. Moreover, a short introduction to SSP and its use for representing composite FMI models will be given. Future FMI standards such as FMI 3.0 and eFMI will be briefly mentioned. A number of hands-on exercises will be done during the tutorial, using the OMSimulator open source tool, including graphic editing of composite FMI models. Bring your laptop for exercises.