



# “model everything” @ MSDL

Model Management & Process  
FTG+PM, Safety (ISO 26262, Railway,  
etc.), Agile Modelling, Consistency  
management, Experimental frames, etc.

Language Engineering  
*Domain-Specific Languages, Model Transformation,  
(web-based) Visual and Textual Modelling Environments,  
etc.*

Simulation  
*Co-Simulation, Discrete-event, DEVS, continuous time,  
acausal, Modelica, etc.*

Deployment & Resource-optimized Execution  
*Platforms (e.g. AUTOSAR, CAN, etc.), Design-Space  
Exploration, Virtualization, Models@run-time, Efficient  
execution of model transformations, etc.*

Validation, Verification, Testing  
and Accreditation  
*Analysis and Verification of Model  
Transformations, Debugging,  
Instrumentation, Tracing, etc.*



Applications





