

# ASAM OSI Proposal Workshop

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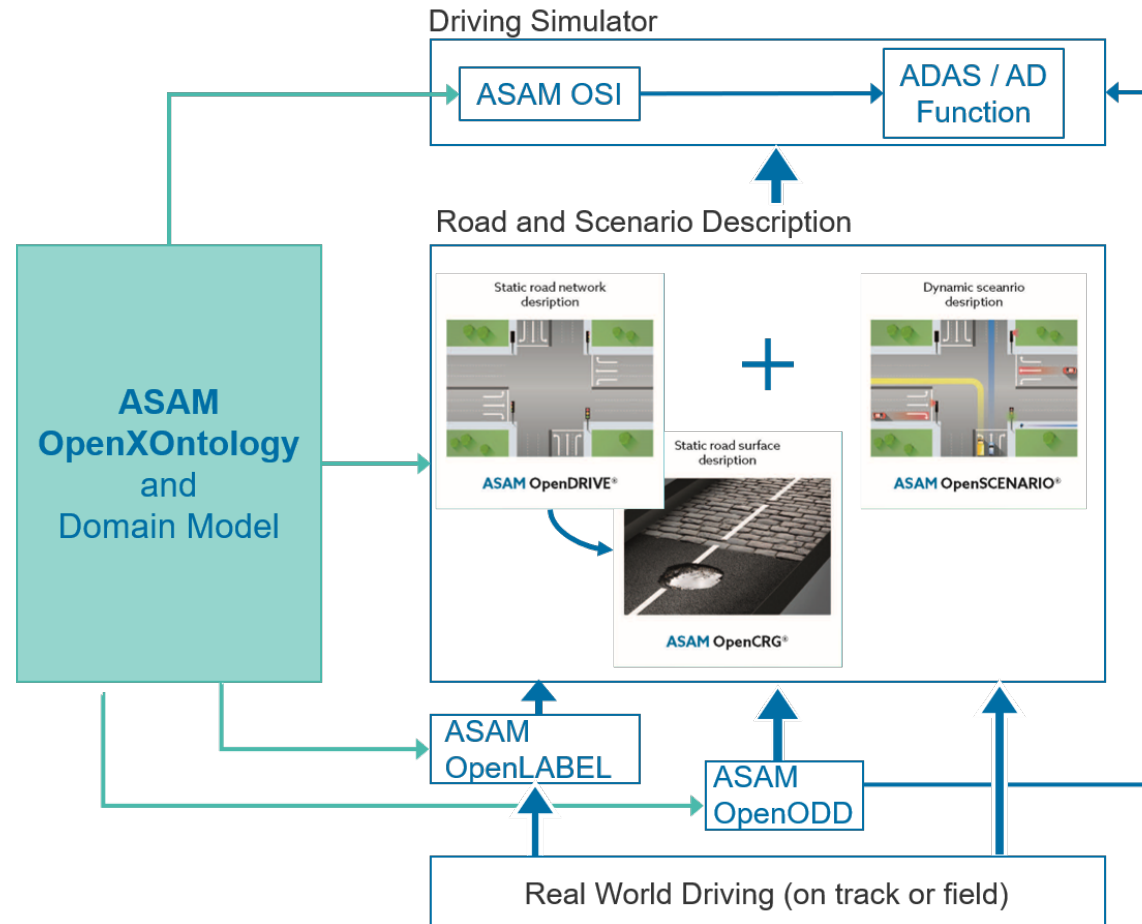
21.06.2022  
Online



# Agenda

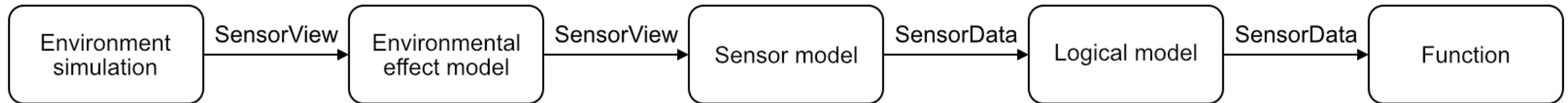
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# Introduction to OSI

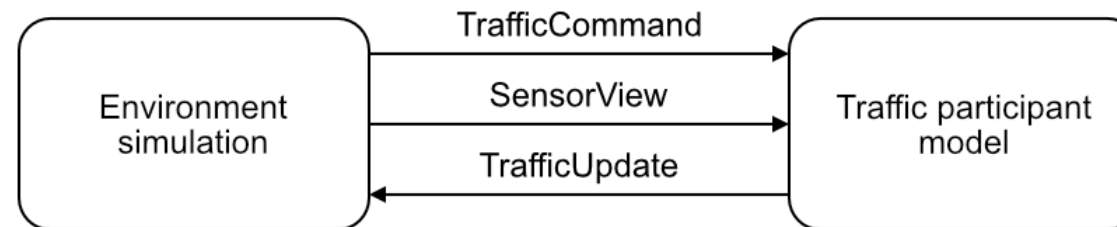


# Introduction

- The Open Simulation Interface (OSI) is a specification for interfaces between models and components of a distributed simulation.
- OSI has a strong focus on environmental perception of automated driving functions.

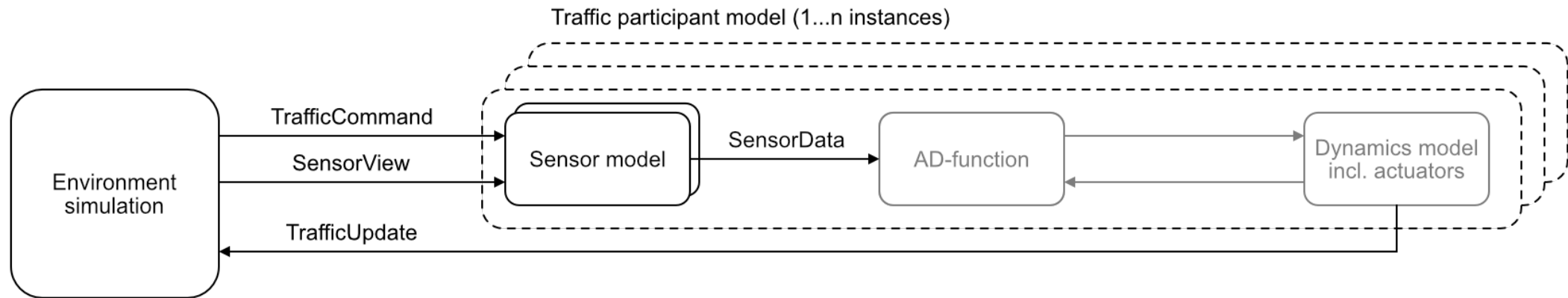


- OSI also defines interfaces for traffic participant models. These interfaces allow to send commands to traffic participant models and to receive their updated state.



# Introduction

- Traffic participant models may use other OSI interfaces internally, for example, to model autonomous vehicles. The following figure shows a more advanced use case for traffic participants.



- OSI Sensor Model Packaging specifies ways in which models (like e.g. environmental effect models, sensor models and logical models) using the Open Simulation Interface (OSI) are to be packaged for their use in simulation environments using FMI 2.0.