CALL FOR PRESENATIONS

12th Symposium Driving Simulation

10+11 March 2027 | Team Rosberg Engineering | Neustadt a.d. Weinstrasse, GER

From Simulation Fidelity to Engineering Confidence

SDS - the vendor-neutral, application-oriented working conference for XiL Driving Simulation - is back for its twelfth lap. Under the guiding theme Engineering Confidence, the focus shifts from the technical performance of individual systems to their suitability for real development decisions - with transparency about assumptions, limitations, uncertainties and the transferability of results.

Four guiding questions form the common thread from submission to discussion on site:

01 What Must Be Real?

What fidelity is actually required for which use case?

02 When Can We Trust the Result?

How does immersion become reliable engineering evidence?

03 How Does Simulation Scale?

How does a demonstrator become an industrial development process?

04 Who or What Is Driving?

How are human models, AI agents and intelligent vehicles changing simulation?

We're looking for contributions that

- translate experience into actionable solutions
- transfer the latest research results into industrial application
- make real case studies - including their limitations - transparent

Core XiL simulation domains

Vehicle Dynamics & Handling
Ride Comfort & NVH
ADAS/AD & Sensor Simulation
Driving Simulator Technology
Human Factors & Driver Behavior
Toolchain & Process Simulation

Our new **SDS Performance Board** ensures content quality and practical relevance

Boris Kirchner
TRE I Team Rosberg Engineering
Chairman

Christoph Gümbel
future matters
Vice Chairman

Dr.-Ing.
Christian Hartweg
Stellantis

Prof. Dr.-Ing.
Günther Prokop
TU Dresden

Prof. Dr.-Ing.
Wolfram Remlinger
University of Stuttgart IKTD

Prof.
Bernhard Schick
University of Applied Sciences Kempten

Timo Schöning
Hyundai Motor Europe Technical Center

Martin Sevenich
AUMOVIO

Submit your proposal online via ConfTool

Deadline: 31 December 2026

www.conftool.pro/sds2027

Automotive Solution Center for Simulation e.V. | Curiestrasse 2 | 70563 Stuttgart, GER