



CABLE SIMULATION CONFERENCE 2025 KAISERSLAUTERN

JUNE 25th - 26th 2025, KAMMGARN KAISERSLAUTERN, GERMANY

Hosted by fleXstructures GmbH,

in cooperation with IPS AB, Fraunhofer-Chalmers Centre FCC, and Fraunhofer ITWM

IPS Cable Simulation is the industry-leading tool, supporting the entire lifecycle of wiring harness, cable & hose development – from concept and design to assembly, production planning, and beyond. The advanced functionalities of the software keep driving innovation and efficiency in the automotive sector and other industries.

This event provides an excellent opportunity to strengthen the international network of experts utilizing IPS technology and to exchange knowledge on the latest developments.

Join users and professionals around the globe exploring the latest features, learn about upcoming enhancements, and share insights and best practices across various industries and countries.

GENERAL INFORMATION

Date & Time

June 25th, 9:00 am - June 26th, 4:30 pm

Venue

Kammgarn Cultural Centre
Schoenstraße 10
67659 Kaiserslautern, Germany

Conference Language

English

Conference Fee

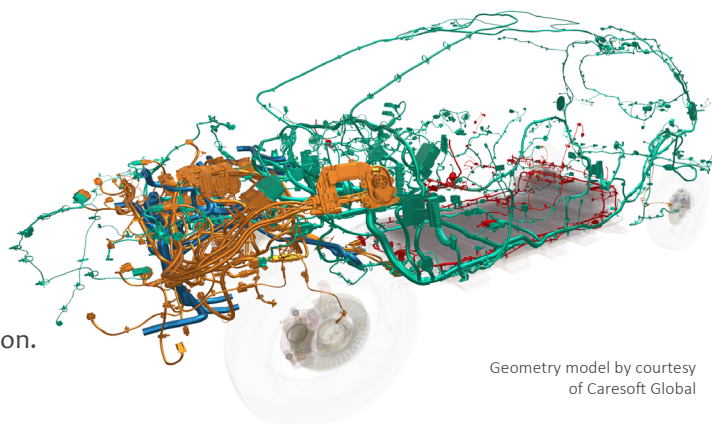
€800 plus VAT. The optional IPS Academy Session on June 24th, 2025, is included. Speakers get free admission.

Accommodation

Please visit our [homepage](#) to find hotel recommendations in Kaiserslautern.

Registration

To register for the event, [click here](#).



Geometry model by courtesy of Caresoft Global

OPTIONAL: IPS ACADEMY SESSION ON JUNE 24th

Experience best practices based on complex application examples. Even experienced IPS users will discover new tips and tricks. Attendees are welcome to send questions or inform us in advance about specific topics they would like to learn more about.

What to expect

- /Latest insights into IPS
- /Demonstration of complex application examples
- /Q&A - Session

in cooperation with:





PROGRAM

Wednesday, June 25th, 2025

Registration and Coffee 8:00 am

Welcome and Opening 9:00 am

Insight of IPS simulation for harness maker LEONI
LEONI Wiring Systems S.A.S., Antoine Porot

IPS automation tool for optimizing wiring paths for vehicles
Hyundai Motor Company, Seonbong Kim

Networking and Coffee Break 10:20 am

Optimization of wiring systems and preformed hoses with regard to thermal management
AUDI AG, Frank Hoeft

IPS analysis for cables and hoses of automobile and motorcycle
SUZUKI MOTOR CORPORATION, Jumpei Kojima, Toshihiko Nishizawa, Minoru Inuzuka

From design to manufacturing: How IPS enhances wiring harness development
fleXstructures GmbH, Daniel Dengel

Lunch Break 12:20 pm

IPS Path Planner: Does your baby fit in the car?
Stellantis Group, Valérie Rapiou, Paulo Sergio Da Silva

From simulation to virtual reality: Assembly planning with flexible wiring
Porsche AG, Simon Schneider, Sven Conrad

IPS Cable Simulation for XR applications
fleXstructures GmbH, Marius Obentheuer

Networking and Coffee Break 3:00 pm

Integration of IPS Cable Simulation into the product development process for rail vehicles
Siemens Mobility GmbH, Christian Ochel, Thomas Eschweiler

What's new in IPS 2025 R2
IPS AB, Fredrik Norström

Advanced IPS demos
fleXstructures GmbH & Fraunhofer ITWM

Keynote by Ulf Hoepfner 6:30 pm
John Deere and IPS Cable Simulation: A success story

Conference Dinner & Evening Event

Thursday, June 26th, 2025

Welcome and Coffee 8:30 am

The challenge of flexible mounting concepts: Applications and simulation
*Volkswagen AG, Christof Manschatz
Fraunhofer ITWM, Fabio Schneider-Jung*

Impact of flexible mounting concepts on cable lifetime: Experiments and simulation
*Gebauer&Griller Kabelwerke GmbH, Lukas Faksa
Fraunhofer ITWM, Fabio Schneider-Jung*

Networking and Coffee Break 10:20 am

Driving Innovation: A Year of IPS at Jaguar Land Rover
Jaguar Land Rover Ltd., Bruno Ribeiro, Simon Williams

Simulation of flexible flat components in automobiles
AUDI AG, Sarah Kreis, Jan Stanzel

IPS Cable Simulation related new models and research activities
fleXstructures GmbH & Fraunhofer ITWM

Lunch Break 12:20 pm

Roadmap & Outlook
*fleXstructures GmbH, Oliver Hermanns
IPS AB, Anton Berce*

Analysis of the wheel hub motor with IPS Cable Simulation
WeWire Coroplast Group, Matthias Mehnert, Jonas Baumeister

Flexible components simulation: From the art of guessing to advanced physical-based virtual model
CNH Industrial N.V., Filippo Cassibba

Networking and Coffee Break 3:00 pm

Revolutionizing efficiency: Automating tasks with IPS and LUA AP
Hyundai Motor India Engg. Pvt. Ltd., Harsha Vardhan Reddy Avula

Intelligent analysis and documentation of repeating workpackages
EDAG Engineering GmbH, Philipp Stritzel

Wrap up & final plenum

End of Conference: 4:30 pm

in cooperation with:

