lightsim

Forum for Automotive Lighting Simulation and VR

CALL FOR PRESENTATIONS

OBJECTIVE

Lighting the way for self driving vehicles.

The subject of light is becoming more and more important for automobile manufacturers. The lighting technologies in the automotive field have made a rapid progress in recent decades. In the early 1990 halogen bulbs replaced conventional bulbs. Today LED, OLED and laser technologies offer not only very high light output and new lighting concepts for greater safety. They are increasingly being understood as core elements of the design. LightSim is the new forum for experts from the field of automotive light simulation and virtual reality. The networking event picks up the impact of major automotive market trends on virtual development of lighting technologies: autonomous driving, efficiency and electromobility, digitization and connectivity as well as individualization. Therefore the importance of high-resolution lighting technologies is continuously increasing. Vehicles of the future must communicate with the driver and other road users. The event will show latest simulation and VR technologies and discuss future trends and requirements. The organizers want to offer science and industry a better access and possibilities for exchange and future collaborations.

LOCATION | DATE

Kursaal Bad Cannstatt
Königsplatz 1
70372 Stuttgart
Germany

15 May 2018
6:00 p.m. – 8:30 p.m.
16 May 2018
8:00 a.m. – 4:30 p.m.

LightSim is a cooperative event of

asc(s) Automotive Simulation Center Stuttgart
VIRTUAL DIMENSION CENTER
Photonics BW Innovationsnetz Optische Technologien

CALL FOR PRESENTATIONS

You are working in the field of Automotive Lighting Simulation and Virtual Reality as a simulation manager, software user / developer or researcher and like to share your work and views with the community? We invite you to propose a presentation (20 min + 5 min for questions) for the SimLight 2018. If you are interested in discussing your topics with other experts, please contact us **until 9 March 2018** to see if the planned presentation fits the program and to discuss the next steps.

Presentations can deal with one or more of the following aspects:

- Simulation of innovative lighting concepts for headlights and taillights
- Thermal simulation of lighting systems: heat flow, condensation, de-icing
- Physically accurate lighting simulation and visualization
- Advanced light simulation in real-time
- Optical design and styling of lighting systems / light-guides
- Light concepts for external communication
- Environments for virtual reality
- Validation concepts: simulation vs. reality

As speaker your participation is free of charge and includes:

- ✓ participation in the whole program
- ✓ welcome reception
- ✓ lecture sessions
- ✓ exhibition
- ✓ interactive session
- ✓ speed networking session
- ✓ event documents (during the event)
- ✓ released presentations (after the event)
- ✓ food & drinks

TARGET AUDIENCE

The event is aimed at decision-makers and experts from science and industry in the field of virtual development and testing of automotive lighting technologies.

TICKETS

€ 195.- for members of asc(s, VDC Fellbach and/or Photonics BW
€ 295.- others
€ 95.- employees of academic institutions
free for journalists and representatives of the press

CONTACT

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