



## Info-Day LucidShape for Automotive Applications

Rainer Foedisch, General Manager of Light Tec Munich

Wednesday 16 January, 2019 in Munich, Germany

### AGENDA

**9:45 Welcome Coffee**

10:00 - 10:20 LucidShape family of products overview  
(LucidShape, LucidShape CAA, LucidDrive)

10:20 – 10:40 LucidShape simulation and analysis features

10:40 – 11:20 LucidShape design features :

- PS: Procedural Surfaces / Design Example: Stop Light
- PCS: Poly Curve Systems / Design example: Automotive Projector Lamp
- MF: Macro-Focal Free Form surfaces / Design Example: Reflector Headlamp

**Coffee Break**

11:40 - 12:00 LucidShape new features in Version 2018.06 :

- Ray History Sensor Now Integrated with the Luminance Camera
- Fixed Random Seed Option Added for Simulations
- GPUTrace Compatible with Volume Scattering

12:00 – 12:30 LucidShape Visualize module – Photorealistic rendering tool

12:30 – 13:30 **Lunch**

13:30 – 14:10 LucidShape in Catia V5 environment (LucidShape CAA V5 Based) overview :

- Test scene generation
- Source, sensors and actor definition
- Working on part or product level
- Communication between LucidShape CAA and LucidShape standalone
- Luminance camera sensor - LucidShape CAA Signal Lighting Reflector

14:10 - 14:30 LucidShape CAA V5 Based Version 2018.09

- New features in LS CAA !

**Coffee Break**

14:45 - 15:30 Light Guide designer (uniformity and light paths optimization)

- Design example: Angel Eye

15:30 - 15:45 LucidDrive Demo – Night driving simulation tool

15:45 - 16:00 Questions / Answers - End of the session

Please fill out this form (one per person) and send it back to [sales@lighttec.fr](mailto:sales@lighttec.fr) or fax it to +33 494 12 18 49 to confirm your registration before **January 05<sup>th</sup>, 2019**.

Company/University name: .....

Participant's name: .....

Position: .....

Phone number: .....

Email: .....

I hereby confirm that I will attend the LucidShape Info-Day in January 16th, 2019, in Munich, Germany.

Date:

Signature:

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