



## Info-Day LucidShape for Automotive Applications

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Tuesday 12 February, 2019 in Barcelona, Spain

### 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 16<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 February 12<sup>th</sup>, 2019, in Barcelona. Place to be confirmed.

Date:

Signature: