



## Info-Day LucidShape for Automotive Applications

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Wednesday April 15<sup>th</sup>, 2020 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 – 11:10** 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

**11:10 – 11:30** LucidShape Visualize Module – Photorealistic Rendering Tool

**Coffee Break**

**11:50 - 12:30** LucidShape New Features in Version 2019.09 :

- New Freeform Design Feature
- Improvements to the Visualize Module
- New Pixel Light Feature, Pixel Light Simulator and 3D LID Mapper
- Other Simulation Enhancements

**Lunch Break**

**13:30 – 14:10** 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 – 14:40** LucidShape CAA V5 New Features in Version 2019.06

- New Surface Sensor Functionalities (Incident Flux, Color and Visual Analysis)
- Result Filter
- Support for CATIA V5 R27 and R28
- Light Guide Design Module Improvements

**Coffee Break**

**15:00 - 15:30** Light Guide Designer (Spatial and Intensity Optimization)

**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 **March 31<sup>st</sup>, 2020**.

Company/University name:.....

Participant's name: .....

Position: .....

Phone number: .....

Email: .....

I(we) hereby confirm participation to the LucidShape Info-Day in April 15<sup>th</sup>, 2020, in Barcelona, Spain.

Date:

Signature: