



Info-Day LucidShape for Automotive Applications

Aleksandra Cvetkovic, Light Tec Business Development Engineer

Tuesday 26 February, 2019 in Bursa, Turkey

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 or fax it to +33 494 12 18 49 to confirm your registration before **January 16th, 2019**.

Company/University name:

Participant's name:

Position:

Phone number:.....

Email:

I hereby confirm that I will attend the LucidShape Info-Day in February 26th, 2019, in Bursa. Place to be confirmed.

Date:

Signature: