

AGENDA

3RD DVN CONFERENCE ON AUTOMOTIVE LIDAR

THEME: APPLICATIONS, TECHNOLOGY, COMPONENTS, MARKET VIEWS

TUESDAY NOVEMBER 17, 2020 ---- CET TIME (Central European Time---GMT +1)

- 08:00 **Opening of conference**, Hector Fratty DVN CEO
- ▶ 08:15 **Key note speech**
- Dr. Gunnar Juergens, VP Head of LiDAR Segment, Continental Advanced LIDAR Solutions US, LLC
"LiDAR technology is entering the automotive mainstream".
- ▶ 08:35 - 09:50 **SESSION 1 - AUTOMOTIVE LIDAR APPLICATIONS (PART 1), CHAIRMAN LEO METZEMAEKERS, DVN**
- Volvo, Paul Henri Matha, Lighting Expert at Volvo
"Sensor integration stakes on future Volvo platform"
 - PSA, Matthieu Dabek and Guillaume Point, ADAS Research & Innovation
"How LIDAR can contribute to the challenges of highly automated driving"
 - Audi, Dr. Wolfgang Huhn, Head of Lighting innovation
"About new V2X Applications"
 - Great Wall Motors & Liangdao, Dr. Yang Ji, Managing Director Liangdao
"From prototype to serial, automotive LiDAR on Chinese market with Great Wall Motors"
 - **Q&A session 1**
- ▶ 09:50 - 10:50 **SESSION 2 - AUTOMOTIVE LIDAR APPLICATIONS (PART 2), CHAIRMAN STEPHAN BERLITZ, AUDI**
- Marelli Automotive Lighting, Thomas Fröhlich, Senior Director Business Development and Product Management ADAS
"LiDAR Modularity for maximum reusability and autonomy scalability"
 - Koito, Teruaki Torii, Research of Ghost Imaging for Automotive Remote Sensing
"Concept of Ghost imaging LiDAR"
 - ZKW, Georg Pitterle, Project Manager - Autonomous Driving
"Project Dragonfly- Advanced Sight with LiDAR and Light"
 - **Q&A session 2**
- 10:50 - 11:10 BREAK
- ▶ 11:10 - 12:25 **SESSION 3 - AUTOMOTIVE LIDAR COMPONENTS (PART 1), CHAIRMAN FRANÇOIS SIMOENS FROM LETI**
- Osram OS, Stefan Mergl, Senior Application Engineer LIDAR
"Enhancement of LIDAR systems performance by using optimized Laser package performance"
 - DIOPTIC, Dr. Niklas Andermahr, Head of Custom Inspection Systems
"Quality inspection challenges for Lidar optics"
 - OQmented, Dr. Ulrich Hofmann, Founder & CEO
"Bubble-MEMS Technology: Enabling LiDAR sensors with 180 degree Field of View"
 - Covestro, Dr. Rainer Hagen, Global Technology Development
"Sensor Transparent Applications With Covestro Polycarbonates"
 - **Q&A session 3**
- 12:25 - 13:30 LUNCH BREAK, NETWORKING, VIRTUAL BOOTHS

AGENDA

- ▶ 13:30 - 14:45 **SESSION 4 - AUTOMOTIVE LIDAR COMPONENTS (PART 2), CHAIRMAN FRANÇOIS SIMOENS FROM LETI**
 - Lumentum, Thomas Sommer, Sales Manager EMEA
"How can the latest generation of high power VCSEL chips address the challenges of automotive LiDAR systems?"
 - Jenoptik, Dr. Hagen Schweitzer, Senior Manager Optical Design
"Cost efficient hybride LIDAR receiver & transmitter lenses"
 - Fraunhofer IMS, Dr. Jennifer Ruskowski, Head of 3D Sensors
"D-CSPAD-arrays and the latest on LiDAR-over-the-air testing"
 - Ansys, Benoît Heraud, Application Engineer
"Lidar performance validation through physics-based simulation"
 - **Q&A session 4**

- ▶ 14:45 - 16:00 **SESSION 5 - AUTOMOTIVE LIDAR TECHNOLOGY (PART 1), CHAIRMAN DR. RALF SCHÄFER, DVN**
 - Cepton, Mitch Hourtienne, Senior Director of Business Development
"ADAS lidar Integration with Tier 1 collaboration"
 - Valeo, Dr. Hassan Moussa, Head of R&D Global LiDAR
"Challenges of bringing a Level 3 automation with LiDAR as key contributor to market technology consolidation"
 - IBEO, Mario Brumm, COO
"Solid State LiDAR technology: from idea to product launch"
 - LeddarTech, Frantz Saintellemy, President and COO
"Understanding the role raw data Perception and fusion for safer ADAS and AD"
 - **Q&A session 5**

- 16:00 - 16:10 BREAK

- ▶ 16:10 - 17:25 **SESSION 6 - AUTOMOTIVE LIDAR TECHNOLOGY (PART 2), CHAIRMAN THOMAS FRÖHLICH, MARELLI**
 - Ouster, Raffi Mardirosian, Vice President Corporate Development "Moving Beyond Level 2 ADAS with Digital Lidar"
 - Xenomatix, Filip Geuens, CEO
"How to integrate solid state Lidar in (head) lights"
 - Innoviz, Anna Michlin, Product Manager
"Innoviz's Perception Software for Autonomous Driving"
 - SiLC, Ralf Muenster, VP Business Development and Marketing
"FMCW LiDAR Perspective : 350 m operation and extreme precision performance"
 - **Q&A session 6**

- 17:25 - 18:15 **SESSION 7 - MARKET VIEWS, CHAIRMAN LEO METZEMAEKERS, DVN**
- ▶ 17:25 - 17:45 **Key note speech**
Dr. Mircea Gradu, SVP Velodyne Lidar, SAE international 2018 President, Fisita Council
"Pedestrian Safety Focussed Highly Innovative ADAS Perception Solutions and Validation Aspects"

- 17:45 - 18:15
 - Yole Developpement, Pierrick Boulay, Technology and Market Analyst "Evolution of the LiDAR industry for ADAS and robotic vehicles"
 - **Q&A session 7**

- ▶ 18:15 **Closure, Hector Fratty**