

AEIT-CORIFI
COordinamento Ricerca
Innovazione Fotonica
Italia



Photonics 4 Automotive

July 3rd 2019



PHOTONICS PUBLIC PRIVATE PARTNERSHIP

PHOTONICS²¹



Politecnico di Torino – Lingotto Building

Via Nizza 230, Torino

The workshop ***Photonics4Automotive: photonics technologies for the automotive value chain*** is organized by the Italian technology platform for photonics, AEIT-CORIFI in collaboration with CNR-ISMN, CNR-IFN, Politecnico di Torino, Università di Parma and the clusters MESAP, Torino Wireless, Polo ICT.

The workshop will gather:

- Manufacturers of the relevant photonics technologies, photonics SMEs and start – ups
- Representatives of regional technology clusters, DIHs, competence centers
- Main players of the automotive sector
- Public funders and R&D investors
- Representatives of research centers, academia and higher education centers

The aim of the workshop is:

- To discuss the innovation opportunities for the automotive sector enabled by the photonic technologies
- To establish and strengthen synergies between manufacturers and providers of photonics technologies and their end user industries
- To identify partners at regional, national and European level along the full value chain
- To foster investments in photonics

Attendance to the workshop is free upon registration

The official language is Italian, the simultaneous translation will be available upon request.

Organizing secretariat: CORIFI@aeit.it

The workshop is supported by the Horizon2020 project NextPho21 and by the Photonics Public Private Partnership Photonics21

Photonics 4 Automotive

Politecnico di Torino, sede del Lingotto,
July 3rd, 2019

Photonics Technologies for the Automotive Value Chain

- » End Users Workshop
- » Investments in Photonics
- » Supporting and enabling innovation



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AGENDA

9:00 - 9:30	Registration
9:30 - 9:35	Welcome, Rector of Politecnico di Torino
9:35 - 9:45	Introduction, Roberta Ramponi, President of CORIFI-AEIT & Director of CNR-IFN
The automotive industry: a photonics end user Chair: Roberta Ramponi	
9:45 - 10:00	<i>Photonics 4 Automotive: the European vision</i> , Jan-Eric Källhammer, Veoneer Sweden AB & Photonics21 PPP
10:00 - 10:15	<i>Photonics for exterior lighting in automotive</i> , Luisa De Marco, Lamborghini
10:15 - 10:30	<i>Laser-based industrial manufacturing</i> , Giuseppe Virgillito, Prima Industrie
10:30 - 10:45	<i>Networking technologies enabling the connected car: the 5G-CARMEN project</i> , Elio Salvadori, Fondazione Bruno Kessler, Trento
10:45 - 11:00	<i>The Smart Road project: ICT for autonomous driving</i> , Paola Pisano, Councilor for Innovation, City of Torino
11:00 - 11:15	<i>Blended finance: trend in finance for innovation</i> , Paolo Mulassano, Compagnia di San Paolo
Round table: The automotive innovation value chain: what role for photonics? Moderator: Maurizio Melis, Radio 24	
11:15 - 12:20	Participants: <ul style="list-style-type: none"> – Franco Deregibus, Digital Innovation Hub Piemonte – Andrea Tonoli, Automotive Engineering, Politecnico di Torino – Stefano Selleri, Muner Automotive University Emilia-Romagna – Nicola Redi, Venture Factory – Paola Pisano, Councilor for Innovation, City of Torino – Domenico Angotti, Open Fiber
The view of the photonics SMEs Chair: Chiara Ferroni, Torino Wireless and Paolo Dondo, Mesap	
12:20 – 13:00	Business Pitches: photonics technology SMEs
Networking lunch	