

WEDNESDAY 08:30 – 12:30

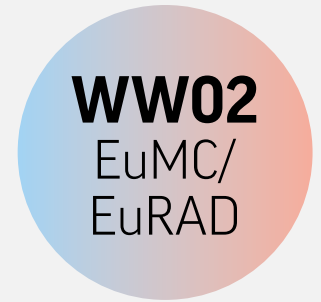
High Resolution Radar Technologies for Future Automotive Systems

Chair: Stephan Kruse¹

Co-Chair: Ulf Johannsen²

¹University of Paderborn, ²Eindhoven University of Technology

Room: Juliana 1



High-resolution radar could be a key enabler for high-level autonomous driving. This workshop provides an overview of the latest trends and outcomes in high-resolution radar systems. Participants will gain insights into radar system design and implementation, state-of-the-art pure electronic radar, photonic radar, and integration techniques. The industrial keynote talk will explore the role of high-resolution radar in automotive safety. Subsequent scientific presentations will cover the latest advancements in pure electronic radar circuit and system design, photonic radar, antenna integration, and packaging using MID processes.

PROGRAMME

Resolution matters!

Marc-Michael Meinecke¹

¹Volkswagen AG

Radar: Today & Tomorrow

Kostas Doris¹

¹NXP Semiconductors

Considering Photonic Integration in System Design

Antonella Bogoni¹

¹PNTLab CNIT

Application of MID technology for the creation of RF components

Thomas Mager¹

¹Fraunhofer IEM

Series-Fed Dipole Array for D-Band Sensing in Wafer Level Package Technology

Martijn de Kok¹

¹TNO
