



24° WORKSHOP on AUTOMOTIVE SOFTWARE & SYSTEMS

21 MAGGIO, 2026

Area Territoriale C.N.R. di Bologna (Via Piero Gobetti, 101 - 40129 Bologna)

PROGRAMMA

09:15 **Giuseppe Lami** (CNR-ISTI)
Workshop Introduction

Sessione 1: AI in Automotive Systems

09:30 **G. Scappatura** (Intecs)
Artificial Intelligence in Automotive: Challenges, Risks and Standards

10:00 **D. Russo** (Bitron)
AI-based Embedded Code Synthesis: Integrating AI into Automotive Embedded Software

Sessione 2: Automotive SPICE

10:30 **L., V. Franzitta** (Bosch)
Process Performance and Process Suitability and Effectiveness Indicators in Automotive SPICE

11:00 **Coffee Break**

Sessione 3: Safety & Open Source Software

11:20 **R. Ellner** (Develop Group)
AUTOSAR CAPI: Enabling Certification-Ready Open Source for Software-Defined Vehicles

11:50 **R. Bagnara** (Bugseng)
Using Pre-Existing Open-Source Software under ISO 26262: Lessons from Zephyr RTOS and the Xen Hypervisor

Sessione 4: Functional Safety

12:20 **E. Santillo** (Teoresi)
Validazione della percezione nei sistemi ADAS: un approccio multi-sensore per supportare ISO 26262 e SOTIF

12:50 **L. Laugier** (UTAC)
SOTIF-based analysis of ADAS safety limitations

13:20 **LUNCH BREAK** (offerto dagli sponsor)

Sessione 4: Functional Safety (cont.d)

14:30 **S. Prati, L. Pistoni** (Meta Electronics)
Journey into the integration of a MCU Safety Manual on a E/E Automotive ECU Design

15:00 **C. Donzella, G. Nicosia** (Exida development)
Functional Safety, SOTIF and Cybersecurity – Validation and conformity demonstrator extended in Horizon SHASAI project

15:30 **Coffee Break**

Sessione 5: Cybersecurity

15:50 **F. Bella** (UL)
implicazioni del Cyber Resilience Act nel settore automotive

16:20 **S. Mazzetti** (ESWS srl)
Intrusion Detection su rete CAN veicolare: implementazione su ECU edge e architettura distribuita per la cyber security di prodotto

17:00 **Workshop Closure**

Iscrizione gratuita su: www.automotive-spin.it