

**Bengaluru | 29 July 2025**
**Full Conference Schedule**

| Tuesday       | BALLROOM I  | BALLROOM II  | JUNIOR BALLROOM   | TECH LAB            |
|---------------|---|--|---|---------------------|
| 08:00 - 09:00 | Check-in and Information Desk Open - 8:00 - 17:00   |  |   |                     |
| 09:15 - 09:30 | Welcome   |  |   |                     |
| 09:30 - 10:30 | General Session: Rise of the Intelligent Edge   |  |   |                     |
| 10:30 - 10:50 | Tea Break and Technology Lab  |  |   |                     |
| 10:50 - 11:30 | <b>Industrial</b><br><b>NXP's New Controller Continuum: Trends in Microcontroller Technologies</b><br>It is becoming increasingly important for engineers to select devices that are both scalable and supported by the enablement necessary to design for both current and future needs. This class will cover the top trends in the market and provide an overview of NXP's MCX & LMX RT (crossover) portfolios, with insights on future capabilities on ultra low power, functional safety (SiL), Power Quad, security and integration of graphics and Neural processing engine.   | <b>Automotive</b><br><b>S32K and S32M Automotive MCU Update: Portfolio and Software Ecosystem Overview</b><br>The S32K5 and S32M2 are the newest members of the S32 Automotive Processing Platform. This session will contain an overview of the general purpose MCUs (S32K1 and S32K3), zone controller MCU (S32K5), and next-generation integrated motor control solution (S32M2). Followed by a deep-dive on how S32K5 features are ideal for zonal applications. During the session we will also review the SW offerings for the entire S32 Automotive processing platform.  | <b>Technologies</b><br><b>Hands-On Workshop: LMX 93 Applications Processors with FRDM Board</b><br>The hands-on class will dive into the following:<br>- Build applications on FRDM-IMX93 dev board<br>- FRDM-IMX93 software introduction (Yocto & Debian release)<br>- LMX 93 graphics capabilities (PXP, MIPI-DSI, LVDS, Parallel RGB)<br>- NPU & Machine Learning software & tools with FRDM-IMX93 |                     |
|               | <b>Industrial</b><br><b>Empowering the Edge Everywhere with the LMX Applications Processors</b><br>Explore the latest LMX applications processors from NXP and discover which processor is right for your application. Whether you're designing next-generation wearables or industrial robots, count on NXP edge processing solutions for applications that respond in real-time—securely and autonomously. This course also highlights multiple enhancements in the LMX processors targeting industrial and IoT applications. Focusing on applications - HMI, E-reader, Vision, Robotics and Data centre.   | <b>Automotive</b><br><b>NXP's Solution for ADAS/AD Systems</b><br>This session gives an overview about NXP's solutions for ADAS / AD systems covering NXP's portfolio of products for Radar, Vision and Sensor Fusion systems.   |   |                     |
| 12:10 - 12:45 | <b>Consumer</b><br><b>NXP IoT Solution: Smart Home Technologies</b><br>Powering the intelligence behind the technologies that bring brilliance to smart home, introducing NXP solutions in IoT segments.<br>- Home Appliance Solution - Out Door Unit, Voice Control Solution<br>- Low power MCU RT600/RT700, voice algorithm in Smart Watch, and AI/AR glasses application.<br>- Wireless Charging for Wearables<br>- Personal Medical Devices - Continuous Glucose Monitor (CGM), Hearing Aids  | <b>Automotive</b><br><b>X-in-1 Solution For Electrification: Market Trends and NXP Solutions</b><br>In the electrification market, X-in-1 system integration is a trend with solid growth in various approaches (one box, one board, one chip) at both OEMs & Tier1 suppliers. Discover how NXP is enabling your next design with its X-in-1 Modular platform. Learn how to tackle software isolation challenges and Safety integration.   |   |                     |
|               | Lunch Break and Technology Lab  |  |   |                     |
| 13:30 - 14:05 | <b>Technologies</b><br><b>Machine Learning at the Edge: Enabling State-of-the-art AI on NXP Microprocessors and Microcontrollers</b><br>In this session we'll explore the basics of machine learning and neural networks, and introduce some of the common terms, tools and processes you will use in this exciting new application domain. Learn how machine learning is adding unique value-add features to a variety of applications and how the new eIQ Neutron NPUs found on MCX N and LMX devices can take your project to the next level.  | <b>Automotive</b><br><b>Latest NXP Offerings for LEV and BESS</b><br>NXP has been at the forefront in enabling transformation in e-mobility with a comprehensive portfolio of products addressing the requirements of electric vehicle powertrain in e-mobility applications. This session focuses on the NXP's product portfolio and solution enablement for light electric mobility applications - BMS, VCU, traction inverters and more. The session will introduce some of our offerings for battery energy storage systems (BESS).  | <b>Technologies</b><br><b>Continued: LMX 93 Applications Processors with FRDM Board</b><br>The hands-on class will dive into the following:<br>- Build applications on FRDM-IMX93 dev board<br>- FRDM-IMX93 software introduction (Yocto & Debian release)<br>- LMX 93 graphics capabilities (PXP, MIPI-DSI, LVDS, Parallel RGB)<br>- NPU & Machine Learning software & tools with FRDM-IMX93         |                     |
|               | <b>Technologies</b><br><b>NXP Solution for EV Charging</b><br>In this session we give a brief insight into NXP Solution offering for Electrification.<br>- EVSE AC Charger Solutions (Linux & RTOS Bases solutions SAE J1772, ISO15118-20 communication standard and IEC 60730 Class B safety diagnosis.)<br>- DC Charging solution up to 2.5KW   | <b>Automotive</b><br><b>Next Generation Digital Key - True Hands-free Car Access by NXP</b><br>Experience seamless, truly hands-free vehicle access with NXP's secure, robust, and scalable car access technologies. NXP's Digital Key solution integrates advanced communication technologies, including Ultra-Wideband (UWB), Bluetooth® Low Energy (BLE), Near-Field Communication (NFC), and Secure Elements (SE). This session highlights NXP's solutions for UWB, BLE, NFC, Secure Elements, and Smart Cards.  |   |                     |
| 14:40 - 15:25 | <b>Industrial</b><br><b>Connecting Possibilities with NXP's Innovative Wireless Solutions</b><br>Keeping up with the rapid changes to the wireless IoT can seem overwhelming. New standards like Matter and Airro promise greater interoperability, while the recently released Bluetooth 6 adds a new ranging technology called channel sounding. Wi-Fi continues to advance with more IIoT systems looking to upgrade to Wi-Fi 6. Fortunately for developers, NXP's system solutions, FRDM platform, and MCUXpresso SDK make it possible to keep up with and even get ahead of the innovations happening in the IIoT.                                 | <b>Automotive</b><br><b>LMX Applications Processors Roadmap and Launch Plans for Automotive</b><br>Come listen to the latest updates on the LMX automotive roadmap for 2025 and beyond including the scalable LMX 95 pre-launch information and LMX943 applications processors family of devices. The LMX product roadmap will include these exciting updates targeting the state-of-the-art telematics LMX943 processor family for your connectivity and safety framework needs.<br>This session will also cover NXP's 2-Wheeler DCC options covering varied market price points:<br>1. LCD-based Entry<br>2. FreeRTOS based Mid<br>3. Linux/Android based advanced cluster using NXP's LMX MPU/MCUs, Wi-Fi 6 and BT/BLE products | <b>Technologies</b><br><b>Time Series Studio with FRDM-MCXN947</b><br>In-site ML model training for dynamic applications with the ability to continuously assess data for predictive behaviour using ML software and tools from NXP running in a FRDM-MCXN947.  |                     |
|               | <b>Industrial</b><br><b>Enabling Factory Automation with NXP Solutions</b><br>In this session, we'll explain the important notes about factory automation and the corresponding NXP solutions.<br>- Industrial Networking with LMX 94 MPU and LMX RT1180 MCU - combining edge processing, multi protocol Industrial Ethernet support and support for TSN.<br>- Industry 4.0 PLC must be so flexible that its inputs and outputs can be digitally configured by software allowing for quick changes, increasing efficiency and reducing cost - NAFE family overview.<br>- Industrial Power Supply - ACDC converters for high efficient power conversion. | <b>Technologies</b><br><b>Introduction to NXP's Latest Wi-Fi Innovations for Industrial, IIoT, and Automotive Applications</b><br>Join us at this session for updates on NXP's evolving Wi-Fi product roadmap, featuring the cost-effective IW610 designed for industrial and IIoT markets, and the high-performance AW692 & AW693 tailored for automotive applications. Discover how these innovations enable advanced use cases such as smart link management and Wi-Fi Channel State Information (CSI) for child presence detection, driving smarter and safer connectivity solutions.  |   |                     |
| 18:00 - 18:15 | Tea Break and Technology Lab  |  |   |                     |
| 16:15 - 16:45 | <b>Industrial</b><br><b>Smart Cities: Secure, Scalable, and Sustainable Solutions Powered by NXP</b><br>In this session we focus on NXP solutions helping drive secure digital economy.<br>- Secure Citizen Identity (eGov)<br>- Smart Mobility and Transit (MIFARE)<br>- Secure Access and Infrastructure (RFID, Readers, Secure Elements)<br>- Smart Banking and Payment Cards (Payment)  | <b>Automotive</b><br><b>Powering Electrification: HV and 12V/24V/48V Solutions for Vehicle Energy Management</b><br>Explore NXP's latest power management solutions designed for the Electrification market and learn how our high-voltage and low-voltage technologies enable efficient, reliable, and scalable system designs.   |   |                     |
|               | Event Closing   |  |   |                     |
| 16:45 - 17:00 |   |  |   |                     |
| <b>Legend</b> | <b>Automotive</b>   | <b>Consumer</b>  | <b>Industrial</b>   | <b>Technologies</b> |

\* Please note the time slots and room locations could be updated due to unforeseen occurrences.