



CONNECTS

DIGITAL EXPERIENCE OCTOBER 20-21



www.nxp.com/connects

EMEA SCHEDULE | OCTOBER 20, 2020

All times are Central European Summer Time (UTC +2 hours)

09:00–10:00							OPENING KEYNOTE						
10:10–11:00		Automotive The Latest Trends in e-Cockpit for Radio, Audio, HMI and Displays		Mobile Understanding UWB Technology: What It is and How It Works	Communication Infrastructure NXP 5G Access Edge – Solutions for 5G NR								
11:00–11:50		Automotive Scalable and Safe Power Management Solutions for Autonomous, Electric and User-Defined Cars		Industrial Help Make Your Healthcare Device Smarter	Communication Infrastructure 5G WLAN / Wi-Fi® 6 Front-End IC								
11:50–12:00							Break						
12:00–12:50		Automotive New Approach to Automotive Ethernet Packet Processing	Smart Home Low-Power Wireless Audio Streaming Solution	Mobile Creating Seamless Digital Smart City Services With MIFARE 2GO	Industrial i.MX RT1170 Crossover MCUs: Ushering in the GHz Era of MCUs								
12:50–13:00							Break						
13:00–13:50		Automotive Comprehensive Overview of the S32K3xx Automotive MCU Family and What Its Software Offers	Automotive Automotive Electrification Introduction	Edge Intelligence High-Performance, Tri-band Wi-Fi® 6E Access Point/Gateway Solutions	Hardware & Software Solutions Implementing Latest IoT Security Use Cases with NXP's EdgeLock™ SE050 Secure Element	Edge Intelligence Hands-On Workshop: Deploying Machine Learning using i.MX RT Crossover MCUs							
13:50–14:00							Break						
14:00–14:50		Edge Computing Architecture Trends Fireside Chat featuring NXP's Kevork Kechichian, EVP of MCU/MPU Engineering & Ron Martino, SVP and GM of Edge Processing	Automotive How to Develop Systems Following ISO26262 / IEC61508 Standards Based on the S32K3xx Automotive MCU for ASIL B/D Applications	Automotive Why Automotive OEMs Are Upgrading to Wi-Fi® 6	Smart Home Advantages of NXP's Arm® Cortex®-M-Based MCU Portfolio for Your Next-Generation Application								

EMEA SCHEDULE | OCTOBER 21, 2020

09:00–10:00							AUTOMOTIVE ELECTRIFICATION PANEL						
10:00–11:00							CONNECTIVITY PANEL						
11:00–11:50		Automotive Automotive MCU Security and OTA Solution with Cost-Optimized S32K1xx and S32K3xx Automotive MCUs	Automotive Battery Management Systems 101: Getting Started with NXP System Solutions	Smart Home MCU-Based Solutions for Voice Control and Face Recognition	Hardware & Software Solutions Meet NXP's Impressive i.MX 8M Portfolio of Products for Industrial and IoT								
11:50–12:00							Break						
12:00–12:50		Automotive Motor Control Solutions Based on the Scalable and Secure S32K3 and S32K1 MCU Families	Automotive Automotive CAN Networking Trends and Innovations	Smart Home Fast-Track Your Next Industrial or IoT Design with the Arm® Cortex®-M33-based LPC550 MCU Series		Mobile Hands-On Workshop: Building Advanced Audio Applications Using i.MX RT600 and i.MX RT500 Crossover MCUs	Edge Intelligence i.MX 8M Plus Vision-Based Machine Learning Applications and Solutions						
12:50–13:00							Break						
13:00–13:50		Automotive Functional Safety in Power Management ICs and Related System Considerations	Mobile UWB Use Case Enablement	Industrial Enable Your Automotive and Industrial Solutions: An Overview of the i.MX 8/8X Portfolio and Use Cases	Edge Intelligence Essential Security Considerations for Edge Applications								
13:50–14:00							Break						
14:00–14:50		Automotive Functionally Safe xEV Traction Inverter Solutions Supporting SiC MOSFET and IGBTs	Automotive Functional Safety Industrial and Automotive Concepts of the i.MX 8/8X Families of Applications Processors	Edge Intelligence Why Integrate Wi-Fi® 6 into Your Next Design	Edge Intelligence Machine Learning at the Edge: Introduction to ML and NXP eIQ™ Machine Learning Software	Hardware & Software Solutions Hands-On Workshop: Easily Design Your Graphical UI with NXP MCUs and SEGGER EmWin and App Wizard							
14:50–15:00							Break						
15:00–15:50		Automotive S32 Design Studio (S32DS) Tools Overview: S32DS for Automotive and Ultra-Reliable Power Architecture® (e200 cores) and Arm®-based Microcontrollers and Processors	Automotive Addressing the Rise of Automotive Gateways and New Vehicle Architectures with the NXP S32G Vehicle Network Processor	Edge Intelligence The Growing Demand for Wi-Fi® in IoT	Mobile Learn the Different System Design Considerations When Selecting a Low-Voltage PMIC								

■ Automotive
 ■ Communication Infrastructure
 ■ Edge Intelligence
 ■ Hardware & Software Solutions
 ■ Industrial
 ■ Mobile
 ■ Smart Home