



CONNECTS

DIGITAL EXPERIENCE OCTOBER 21-22



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APAC | OCTOBER 21, 2020

All times are China Standard Time (UTC + 8 hours)

10:00–11:00	OPENING KEYNOTE: ENABLING A SAFER AND SMARTER WORLD						
11:00–11:10	Break						
11:10–12:00	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 Comprehensive Overview of the S32K3xx Automotive MCU Family and What Its Software Offers	Automotive Automotive Electrification Introduction	Mobile Understanding UWB Technology: What It is and How It Works	Edge Intelligence The Growing Demand for Wi-Fi® in IoT	Hardware & Software Solutions Crank Software: Why Rapid GUI Development is Essential for Today's Embedded Systems	Smart Home WPG: Unveiled the Design of LPC55 Series – 8K Polling Rate Gaming Combo Set (Keyboard & Mouse & Headset)
12:00–12:10	Break						
12:10–13:00		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	Hardware & Software Solutions QNX: The Use of the QNX RTOS to Enable a Safe and Secure Platform Approach to a Broad Range of NXP i.MX 8 Hardware	Industrial WT Microelectronic: WT BLDC Motor (FOC) Development Tool
13:00–13:10	Break						
13:10–14:00		Automotive Automotive CAN Networking Trends and Innovations	Automotive The Latest Trends in e-Cockpit for Radio, Audio, HMI and Displays	Mobile Creating Seamless Digital Smart City Services With MIFARE 2GO	Edge Intelligence High-Performance, Tri-band Wi-Fi® 6E Access Point/Gateway Solutions	Edge Intelligence Arrow: A Quick Start Guide to eIQ—Running AI/ML on the Latest i.MX SBCs	Automotive The Qt Company: Minimizing Risks When Building an Instrument Cluster HMI
14:00–14:10	Break						
14:10–15:10	ECOSYSTEM BUILDING FOR SERVICE ORIENTED ARCHITECTURE (SOA) Fireside Chat featuring NXP's Yvonne Liu, Head of Automotive, Greater China and Thomas Lu, Director, Electrical Systems & Software Dept., Pan Asia Technical Automotive Center						
15:10–16:00		Automotive From the Cloud to the Car—Use Cases	Automotive NXP's Approach to Automotive Security	Hardware & Software Solutions Meet NXP's Impressive i.MX 8M Portfolio of Products for Industrial and IoT	Communication Infrastructure 5G WLAN / Wi-Fi® 6 Front-End IC	Hardware & Software Solutions Microsoft: Edge to Cloud; Enabling New Intelligent Capabilities with Azure RTOS	Edge Intelligence Arm: Introduction to an Open Approach for Low-Power IoT Development
16:00–16:10	Break						
16:10–17:00		Automotive Zonal Architecture for Future Cars	Automotive Automotive NFC for Car Access and More	Industrial i.MX RT1170 Crossover MCUs: Ushering in the GHz Era of MCUs	Hardware & Software Solutions Implementing Latest IoT Security Use Cases with NXP's EdgeLock™ SE050 Secure Element	Hardware & Software Solutions Rochester Electronics: Authorized Solutions for Overcoming Semiconductor EOL & Supply Chain Disruption	Automotive Green Hills Software: Applying Multicore Avionics Software Architectures to Automotive and Industrial Safety/ Security-Critical Applications

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10:30–11:00	PANEL: PUSHING THE FRONTIER OF AUTOMOTIVE ELECTRIFICATION						
11:00–11:10	Break						
11:10–12:10	PANEL: CUT THE COMPLEXITY OF WIRELESS CONNECTIVITY						
12:10–13:00		Automotive Right Partitioning for Autonomous Driving Applications	Automotive New Approach to Automotive Ethernet Packet Processing	Edge Intelligence Machine Learning at the Edge: Introduction to ML and NXP eIQ™ Machine Learning Software	Industrial Enable Your Automotive and Industrial Solutions: An Overview of the i.MX 8/BX Portfolio and Use Cases	Automotive Toradex: Automotive Grade OTA for Industrial IoT	
13:00–13:10	Break						
13:10–14:00		Automotive Functionally Safe xEV Traction Inverter Solutions Supporting SiC MOSFET and IGBTs	Automotive Functional Safety Industrial and Automotive Concepts of the i.MX 8/BX Families of Applications Processors	Mobile UWB Use Case Enablement	Edge Intelligence Why Integrate Wi-Fi® 6 into Your Next Design	Hardware & Software Solutions Microsoft: Microsoft Azure Sphere, Securing the IoT	
14:00–14:10	Break						
14:10–15:00		Automotive The Future of Battery Management and Motor Control Systems for the xEV Market	Edge Intelligence Essential Security Considerations for Edge Applications	Smart Home MCU-Based Solutions for Voice Control and Face Recognition	Mobile Learn the Different System Design Considerations When Selecting a Low-Voltage PMIC	Edge Intelligence Avnet: Machine Learning Benchmarking on Low-Cost SBCs	
15:00–15:10	Break						
15:10–16:00		Automotive Battery Management Systems 101: Getting Started with NXP System Solutions	Automotive Technology Advancements Enabling New Connected Vehicle Opportunities	Smart Home Fast-Track Your Next Industrial or IoT Design with the Arm® Cortex®-M33-based LPC5500 MCU Series	Industrial Help Make Your Healthcare Device Smarter		
16:00–16:10	Break						
16:10–17:00		Automotive Motor Control Solutions Based on the Scalable and Secure S32K3 and S32K1 MCU Families	Automotive Addressing the Rise of Automotive Gateways and New Vehicle Architectures with the NXP S32G Vehicle Network Processor	Smart Home Low-Power Wireless Audio Streaming Solution	Communication Infrastructure NXP 5G Access Edge—Solutions for 5G NR	Edge Intelligence Comprehensive Vision Solutions for the i.MX 8M Plus Applications Processor	