

# NXP FTF CONNECTS

## SAN JOSE | JUNE 20-21



Full Conference Schedule

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### TUESDAY, JUNE 20

DURATION	GATEWAY BALLROOM (FIR, OAK)	CEDAR	SAN JOSE	SANTA CLARA	CARMEL	MONTEREY	SAN CARLOS	SAN JUAN	SAN MARTIN	SAN SIMEON	BAYSHORE BALLROOM
8:00 AM-9:00 AM	REGISTRATION AND INFORMATION DESK OPEN 8:00 AM-7:30 PM										
9:00 AM-10:00 AM	OPENING GENERAL SESSION — CAR OF THE FUTURE: COLLABORATION FOR DISRUPTIVE INNOVATION IN GATEWAY BALLROOM (PINE, FIR, OAK)										
10:00 AM-10:15 AM	BREAK										
10:15 AM - 11:10 AM	<b>AUT-T2629</b> Panel: Securing the Connected Car Today		<b>CNS-T2654</b> Low-Power i.MX Applications Processors Overview	<b>DES-T2739</b> Witekio: ARM® Cortex®-A+M Architecture: Use-Cases, Challenges and Solutionst	<b>IND-T2759</b> Process for Designing an NFC Reader Application	<b>DES-T2632</b> Hands-On Workshop: MCUxpresso Software and Tools (Reserved Seat Required)	<b>CNS-T2695</b> Design Challenges of Portable RF Cooking Applications	<b>CNS-T2642</b> Getting Started with Kinetis KW41Z - BLE/802.15.4 Solutions for the IoT	<b>DES-T2686</b> Overview of the iPC Interface, Successor of the Well-Known iPC Interface	<b>NET-T2646</b> Smart, Secured IoT Gateway Platform with Sensor Fusion, Local and Cloud Analytic	
11:10 AM-11:15 AM	ATTENDEE TRANSITION										
11:15 AM - 12:10 AM		<b>AUT-T2703</b> Infotainment: Introduction to NXP IVI Solution to Accelerate Customer Time-to-Market	<b>AUT-T2655</b> ADAS: Smart Actuators: Enabling Autonomous Vehicles	<b>AUT-T2720</b> ePowertrain: NXP Portfolio for the Electrification of Vehicles		<b>DES-T2741</b> Embedded Planet: Designing Network Solutions with epConnect and LS1043		<b>AUT-T2694</b> Security + IVN: NXP Automotive Cyber Security	<b>NET-T2645</b> Leverage NXP Security and Trust Features for Your System		
12:10 PM-12:15 PM	ATTENDEE TRANSITION										
12:15 PM-1:30 PM	LUNCH IN THE TECHNOLOGY LAB AND SMARTER WORLD TOUR TRUCK OPEN										
1:30 PM-2:25 PM	<b>AUT-T2649</b> Panel: Algorithmic Morality – How to Solve Ethical Dilemmas Involving Smart Cars	<b>AUT-T2630</b> Infotainment: i.MX 8 and 8X Applications Processor Overview	<b>AUT-T2715</b> ADAS: Introduction to NXP 77 GHz Radar	<b>AUT-T2664</b> ePowertrain: Simplify your High Voltage / High Current Inverter through Advancements in IGBT Gate Drive Integrated Drivers	<b>DES-T2633</b> Hands-On Workshop: Using MCUxpresso SDK (Reserved Seat Required)	<b>CNS-T2685</b> Hands-On Workshop: BLE and Thread Using Kinetis KW41Z (Reserved Seat Required)	<b>DES-T2683</b> Securing the Product Life Cycle	<b>AUT-T2659</b> Security + IVN: Introduction to Using MPC574xG/C/B (Calypso) SDK for Gateway Applications	<b>CNS-T2688</b> Get the Most Sound from the Small Speakers in Portable Devices		
2:25 PM-2:30 PM	ATTENDEE TRANSITION										
2:30 PM-3:25 PM		<b>AUT-T2704</b> Infotainment: Accelerate Your Designs with i.MX 8 Software	<b>AUT-T2656</b> ADAS: S32V Family for Automotive Vision Processing	<b>AUT-T2692</b> ePowertrain: Battery Management Applications			<b>NET-T2679</b> Leverage NXP's Portfolio of Turnkey Solutions for High Performance and Scalable Small and Medium Business Routers	<b>AUT-T2696</b> NDA Required: Security + IVN: Secure Element (NCJ38A)	<b>CNS-T2631</b> Google™ Home and NXP®: Android Things, Google Assistant and Chromecast™ Built-in		TECH LAB AND SMARTER WORLD TOUR TRUCK
3:25 PM-3:30 PM	ATTENDEE TRANSITION										
3:30 PM-4:25 PM		<b>AUT-T2733</b> Infotainment: Tuners - Mercury + Titan	<b>AUT-T2657</b> ADAS: Building Safe Autonomous Systems with BlueBox for SAS Development	<b>AUT-T2691</b> ePowertrain: General Purpose MCUs - S32K Overview and Solutions				<b>AUT-T2665</b> Security + IVN: NXP Car Access with NFC and RF Auto	<b>CNS-T2697</b> Voice Control Solutions: Creating Amazon® Alexa Devices with i.MX		OPEN 12:15 PM-7:30 PM
4:25 PM-4:30 PM	ATTENDEE TRANSITION										
4:30 PM-5:25 PM	<b>AUT-T2658</b> MagniV Based High Current 3phs Motor Control Solutions	<b>AUT-T2722</b> Infotainment: BAP3 - Class D Audio Amplifier	<b>AUT-T2717</b> ADAS: NXP Secure V2X Solution	<b>NET-T2700</b> NXP RF Solutions for IoT to Deliver Reliable, High Performance Wireless Connections	<b>CNS-T2740</b> Rigado: Tips for Creating a Flexible, Cost-effective IoT Gateway		<b>NET-T2677</b> How Far Can You Go with NXP's Flexible Layerscape Portfolio?	<b>AUT-T2719</b> Security + IVN: External Wireless Gateway Reference Design with Security	<b>CNS-T2698</b> i.MX 8M Processor Overview and the Road Ahead		
5:25 PM-5:30 PM	ATTENDEE TRANSITION										
5:30 PM-7:30 PM	RECEPTION IN TECHNOLOGY LAB AND SMARTER WORLD TOUR TRUCK OPEN										
Every Half Hour	<b>THE ELEKTROBIT LINCOLN MKZ - HIGHLY AUTONOMOUS DRIVING CAPABILITIES   COMMUNICATING CARS - LIVE V2X DEMONSTRATION</b> THESE DEMONSTRATIONS ARE SCHEDULED FOR EVERY HALF HOUR 11:15 AM-12:15 PM, 1:30 PM-4:00 PM, 4:00 PM-7:15 PM (ELEKTROBIT DEMO ONLY)										

### WEDNESDAY, JUNE 21

DURATION	GATEWAY BALLROOM (FIR, OAK)	CEDAR	SAN JOSE	SANTA CLARA	CARMEL	MONTEREY	SAN CARLOS	SAN JUAN	SAN MARTIN	SAN SIMEON	BAYSHORE BALLROOM
8:00 AM-9:00 AM	REGISTRATION AND INFORMATION DESK OPEN 8:00 AM-5:30 PM										
9:00 AM-10:00 AM	OPENING GENERAL SESSION — VISION FOR TOMORROW'S SECURE, CONNECTED IOT WORLD IN GATEWAY BALLROOM (PINE, FIR, OAK)										
10:00 AM-10:15 AM	BREAK										
10:15 AM - 11:10 AM	<b>CNS-T2725</b> The Future of the Voice Ecosystem and How This Will Change Our World		<b>AUT-T2701</b> Tools and Enablement: Automotive Microcontrollers and Processors Portfolio Overview	<b>AUT-T2653</b> Automotive Sensor Overview	<b>DES-T2706</b> It's All About the Space: Printed Circuit Board Design for EMC	<b>DES-T2729</b> ARM: Hands-On Workshop: Developing ARM® mbed™ OS Applications with NXP Platforms (Reserved Seat Required)	<b>DES-T2730</b> Crank Software: The GUI of Things: 5 Strategies to Create Beautiful User Experiences for the IoT	<b>DES-T2672</b> NXP's Next Generation Layerscape Linux SDK	<b>AUT-T2699</b> Security + IVN: Automotive Ethernet PHY+ Software	<b>AUT-T2714</b> Abstracting Inter Platform Communication in Automotive	
11:10 AM - 11:15 AM	ATTENDEE TRANSITION										
11:15 AM - 12:10 AM		<b>DES-T2676</b> Boost Your Productivity with CodeWarrior Development Tools for ARMv8 Architecture	<b>AUT-T2660</b> Tools and Enablement: SqueezeNet CNN on S32V234	<b>AUT-T2650</b> ISO26262/IEC61508 Functional Safety Overview	<b>CNS-T2635</b> Modular IoT Framework		<b>CNS-T2756</b> Murata Electronics: Wi-Fi and Bluetooth® Connectivity Solutions for NXP i.MX Applications Processors	<b>NET-T2675</b> Move from Physical to Virtual Network Functions on ARM® QorIQ Platforms Using KVM Virtual Machines and Docker Containers	<b>DES-T2705</b> LPC800 MCUs Technical Overview: NXP's Fastest Growing Portfolio for the Broad, 8-bit Alternative Market	<b>AUT-T2723</b> Radar SDK for S32R Processors	
12:10 PM - 12:15 PM	ATTENDEE TRANSITION										
12:15 PM - 1:30 PM	LUNCH IN THE TECHNOLOGY LAB AND SMARTER WORLD TOUR TRUCK OPEN										
1:30 PM - 2:25 PM	<b>INS-T2667</b> Panel: Protecting the "I" in IoT: Privacy, New Certifications and Regulations for the Internet of Things		<b>AUT-T2716</b> Tools and Enablement: Exploring NXP Radar Evaluation Kit	<b>AUT-T2652</b> System Basis Chip (SBC) - Functional Safety Solution	<b>AUT-T2737</b> Green Hills: Automotive Cybersecurity Year in Review	<b>AUT-T2721</b> Hands-On Workshop: Using S32V's Dual-APEX Engines for High Performance/Low-Power Computer Vision and ADAS Safety Applications (Reserved Seat Required)	<b>AUT-T2663</b> Hands-On Workshop: S32 SDK for S32K Gateway (Reserved Seat Required)	<b>NET-T2674</b> User Space Networking: Using and Choosing Between ODP and DDPK for ARM Platforms	<b>DES-T2735</b> Micron's Memory Solutions for the New i.MX 8 Microprocessor	<b>DES-T2673</b> Speed Your Time-to-Market: Providing a Competitive Advantage	
2:25 PM - 2:30 PM	ATTENDEE TRANSITION										
2:30 PM - 3:25 PM		<b>CNS-T2648</b> NFC in Consumer Electronics and Home Appliances	<b>AUT-T2662</b> Tools and Enablement: S32 Design-Studio – How to Design and What to Expect from NXP's Free Software Tools	<b>AUT-T2651</b> Component Selection—The Make-or-Break Milestone Towards Autonomous Vehicles	<b>CNS-T2671</b> Sensor Products for IoT and IMM		<b>DES-T2684</b> All You Need to Know About DDR4	<b>DES-T2726</b> Arrow Electronics: Introducing 96Boards i.MX 7 Based Open Platform Reference Design	<b>NET-T2678</b> Learn About New NXP High Performance, Integrated, Programmable Wi-Fi, Based on the New Upcoming Standards with Solutions Focusing on Home, Office and Industrial Environmentals		TECH LAB OPEN 12:15PM-3:30PM
3:25 PM - 3:30 PM	ATTENDEE TRANSITION										
3:30 PM - 4:25 PM		<b>CNS-T2668</b> The More (Memory), the Merrier: Learn About Using the K27/K28 Series for Highly-Integrated Next-Generation IoT Applications	<b>AUT-T2666</b> Tools and Enablement: The Software Enablement of BlueBox v2.0: From Boot to ADAS Enablement	<b>AUT-T2693</b> Automotive Semiconductor for Purchasing/Buyer		<b>DES-T2637</b> Hands-On Workshop: LPC546xx MCUs: A 180 MHz ARM® Cortex®-M4-based MCU for Your Cost-effective HMI Applications (Reserved Seat Required)	<b>AUT-T2689</b> Hands-On Workshop: S32 SDK for S32K (Reserved Seat Required)		<b>CNS-T2670</b> Secure Authentication for Anti-Counterfeit Applications	<b>NET-T2680</b> New Kid on the Block—60 GHz Wi-Fi	
4:25 PM - 4:30 PM	ATTENDEE TRANSITION										
4:30 PM - 5:30 PM	<b>MHW-T2702</b> Designing with the New Ultra-Low-Power BLE System on Chip	<b>AUT-T2736</b> iSYSTEM: Advanced Techniques for Multi-Core Development In Automotive Applications	<b>AUT-T2738</b> Green Hills: Secure Hypervisor For Safety Integrated Cockpits				<b>NET-T2682</b> Discover the Latest Cost-Effective 64-bit ARM® Offerings from NXP	<b>DES-T2669</b> Introduction to the Next-Generation USB Type-C Connector and NXP's End-to-End Solution	<b>NET-T2681</b> Enabling a New Class of Low-Powered Applications with Line-Rate Networking and 64-bit Performance		SMARTER WORLD TOUR TRUCK OPEN 10:15AM-5:00PM
Every Half Hour	<b>THE ELEKTROBIT LINCOLN MKZ - HIGHLY AUTONOMOUS DRIVING CAPABILITIES   COMMUNICATING CARS - LIVE V2X DEMONSTRATION</b> THESE DEMONSTRATIONS ARE SCHEDULED FOR EVERY HALF HOUR 11:15 AM-1:15 PM, 1:30 PM-3:30 PM, 3:45 PM-5:15 PM (ELEKTROBIT DEMO ONLY)										

\* Please note that this schedule might change and sessions might be moved into different rooms as necessary according to audience size for a given class.

■ SECURE CONNECTED & AUTOMATED VEHICLES 
 ■ SMART NETWORKS & COMPUTING 
 ■ SMART BUILDINGS & CONSUMER GOODS 
 ■ SECURE MOBILE, HEALTHCARE & WEARABLES 
 ■ ENABLING DESIGN, TECHNOLOGIES & SOLUTIONS 
 ■ INSIGHT & INNOVATION 
 ■ SMART MACHINERY & INDUSTRIAL AUTOMATION