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Arm TechCon 2017 Schedule

View, browse and sort the list of sessions by Pass Type, Track, Day/Time, or by Speaker. Sessions are subject to change. Seating is on a first-come, first-served basis. Please arrive early to ensure you get a seat.

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Search All Content. ⦿ Sessions ◯ Speakers	ALL	TUESDAY	WEDNESDAY	THURSDAY

VIEW SESSIONS AS:

PASS TYPE
SELECT ALL | CLEAR

Price Descriptions

☐ All-Access Pass
☐ Training Pass
☐ Expo Pass
☐ Arm mbed Connect Pass

TRACK
SELECT ALL | CLEAR

☐ Automotive, Industrial & Functional Safety
☐ Computer Vision, Machine Learning & Graphics
☐ Embedded Software Development
☐ High-Efficiency Systems
☐ Internet of Things

↑

- ☐ Keynote (Free)
- ☐ Networking & Servers
- ☐ Silicon Design
- ☐ Trust & Security
- ☐ Arm Theater (Free)

FORMAT
SELECT ALL | CLEAR

- ☐ 50-Minute Technical Session
- ☐ 25-Minute Keynote (Free)
- ☐ 50-Minute Keynote (Free)
- ☐ 50-Minute Panel Discussion
- ☐ 30-Minute Arm Theater (Free)

↑

TUESDAY | 8:30AM

Tuesday, October 24 | 8:30am - 9:20am
A GENERIC PLUG-AND-PLAY PERFORMANCE MONITOR FOR AUTOMOTIVE SOC VERIFICATION
Speakers: Ambar Sarkar (eInfochips)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

Tuesday, October 24 | 8:30am - 9:20am
ADVANCED TRACE TECHNIQUES
Speakers: Shawn Prestridge (IAR Systems, Inc.)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Tuesday, October 24 | 8:30am - 9:20am
CODE QUALITY IS KEY TO SECURING THE CONNECTED CAR
Speakers: Jay Thomas (LDRA)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

Tuesday, October 24 | 8:30am - 9:20am
MEETING THE COHERENT DESIGN CHALLENGE: DEVELOPING & DEBUGGING AMBA-5 CHI IMPLEMENTATIONS
Speakers: Iain Robertson (UltraSoC), Gajinder Panesar (UltraSoC)
Pass Type: All-Access Pass
Track: Silicon Design
Format: 50-Minute Technical Session

TUESDAY | 9:30AM

Tuesday, October 24 | 9:30am - 9:55am
KEYNOTE – TRANSFORMING COMPUTE
Keynotes: Rene Haas (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Keynote (Free)
Format: 25-Minute Keynote (Free)

TUESDAY | 9:55AM

Tuesday, October 24 | 9:55am - 10:20am
KEYNOTE – THERE IS LOTS MORE TO COME
Keynotes: Mike Muller (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Keynote (Free)
Format: 25-Minute Keynote (Free)

TUESDAY | 10:30AM

Tuesday, October 24 | 10:30am - 11:20am
A STANDARDIZED, PREDICTABLE ON-CHIP POWER CONTROL INFRASTRUCTURE
Speakers: Ashley Crawford (Arm)
Pass Type: All-Access Pass
Track: High-Efficiency Systems
Format: 50-Minute Technical Session

Tuesday, October 24 | 10:30am - 11:20am
EARLY RTL POWER ANALYSIS ON NEXT-GEN ARM GPUS USING CADENCE DIGITAL IMPLEMENTATION TOOLS
Speakers: John Decker (Cadence), Leo Prakash (ARM)
Pass Type: All-Access Pass
Track: Silicon Design
Format: 50-Minute Technical Session

Tuesday, October 24 | 10:30am - 11:20am
FUNCTIONAL SAFETY FOR ARM APPLICATION PROCESSORS IN R-CAR THIRD GEN WITH SUPPORTING ASIL B
Speakers: Tung Nguyen (Renesas Design Vietnam Ltd.)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

↑

Tuesday, October 24 | 10:30am - 11:20am
REALIZING A BI-DIRECTIONAL BRAIN COMPUTER INTERFACE WITH BRAIN IMPLANTABLE ARM CORTEX SOC
Speakers: Joseph Fernando (Arm), Scott Ransom (Center for Sensorimotor Neural Engineering)
Pass Type: All-Access Pass
Track: Silicon Design
Format: 50-Minute Technical Session

TUESDAY | 11:30AM

Tuesday, October 24 | 11:30am - 12:20pm
ADVANCED IP SOLUTIONS TO ENABLE THE AUTONOMOUS AUTOMOTIVE REVOLUTION
Speakers: Neil Stroud (Arm Inc), James Scobie (Arm), Tom Conway (Arm)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

Tuesday, October 24 | 11:30am - 12:20pm
MISRA C:2012 CAN HELP WITH YOUR SECURE APPLICATION
Speakers: Chris Tapp (LDRA)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Tuesday, October 24 | 11:30am - 12:20pm
PC MEETS ARM: INTEGRATING PCIE GEN4 ROOT COMPLEX IP INTO AN ARM-BASED SERVER SOC
Speakers: Nick Heaton (Cadence), Sujil Kottekkat (Arm)
Pass Type: All-Access Pass
Track: Networking & Servers
Format: 50-Minute Technical Session

Tuesday, October 24 | 11:30am - 12:20pm
REPROGRAMMABLE LOGIC IN AN ARM-BASED SOC
Speakers: Kent Orthner (Achronix)
Pass Type: All-Access Pass
Track: Silicon Design
Format: 50-Minute Technical Session

TUESDAY | 1:30PM

Tuesday, October 24 | 1:30pm - 2:20pm
KEYNOTE – WHY IS IOT SO HARD?
Keynotes: Stacey Higginbotham (SKT Labs)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Keynote (Free)
Format: 50-Minute Keynote (Free)

TUESDAY | 2:30PM

Tuesday, October 24 | 2:30pm - 3:20pm
ACCELERATE ARM-BASED SOC TIMING CLOSURE BY OPTIMIZING INTERCONNECT FRONT-END DESIGN
Speakers: Monica Tang (ArterisIP)
Pass Type: All-Access Pass
Track: Silicon Design
Format: 50-Minute Technical Session

Tuesday, October 24 | 2:30pm - 3:20pm
CCIX: A NEW COHERENT MULTICHIP INTERCONNECT FOR ACCELERATED APPLICATIONS
Speakers: Jeff Defilippi (Arm)
Pass Type: All-Access Pass
Track: Networking & Servers
Format: 50-Minute Technical Session

Tuesday, October 24 | 2:30pm - 3:20pm
HACK-PROOFING YOUR C/C++ CODE
Speakers: Greg Davis (Green Hills Software)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety

↑

Format: 50-Minute Technical Session

Tuesday, October 24 | 2:30pm - 3:20pm
OPTIMIZED 28NM FD-SOI DUAL DOMAIN PROCESSOR FOR LOW-POWER APPLICATIONS
Speakers: Rob Cosaro (NXP), Bogdan Chircu-mare (NXP)
Pass Type: All-Access Pass
Track: High-Efficiency Systems
Format: 50-Minute Technical Session

TUESDAY | 3:30PM

Tuesday, October 24 | 3:30pm - 4:20pm
ADDRESSING 7NM DSU DESIGN CHALLENGES USING THE CADENCE DIGITAL IMPLEMENTATION FLOW
Speakers: Paddy Mamtora (Cadence), Aditya Bedi (ARM)
Pass Type: All-Access Pass
Track: Silicon Design
Format: 50-Minute Technical Session

Tuesday, October 24 | 3:30pm - 4:20pm
BUILDING SAFETY-CRITICAL PRODUCTS WITH VXWORKS & ARM ARCHITECTURE
Speakers: Alex Wilson (Wind River)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

Tuesday, October 24 | 3:30pm - 4:20pm
MANAGING THE COMPLEXITY OF SOFTWARE DEVELOPMENT WITH HETEROGENEOUS DEVICES
Speakers: Stefano Cadario (Arm Ltd)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Tuesday, October 24 | 3:30pm - 4:20pm
QUALCOMM CENTRIQ™ 2400 PROCESSOR: ACCELERATING INNOVATION IN THE DATACENTER
Speakers: Chris Bergen (Qualcomm)
Pass Type: All-Access Pass
Track: Networking & Servers
Format: 50-Minute Technical Session

TUESDAY | 4:30PM

Tuesday, October 24 | 4:30pm - 5:20pm
DYNAMIQ PROCESSOR SOLUTIONS (USING CORTEX-A75 & CORTEX-A55) FOR 5G NETWORKS
Speakers: Aniket Saha (Arm)
Pass Type: All-Access Pass
Track: Networking & Servers
Format: 50-Minute Technical Session

Tuesday, October 24 | 4:30pm - 5:20pm
FUNDAMENTALS OF ISO 26262 PART 11 FOR SEMICONDUCTORS
Speakers: Andrea Bondavalli (ResilTech), Kurt Shuler (ArterisIP)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

Tuesday, October 24 | 4:30pm - 5:20pm
SHOULD I USE C++14 IN AN EMBEDDED SYSTEM?
Speakers: Shawn Prestridge (IAR Systems, Inc.)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Tuesday, October 24 | 4:30pm - 5:20pm
THE DESIGN OF POWER EFFICIENT SYSTEMS
Speakers: Rod Watt (Arm)
Pass Type: All-Access Pass
Track: High-Efficiency Systems

↑

Format: 50-Minute Technical Session

WEDNESDAY | 8:30AM

Wednesday, October 25 | 8:30am - 9:20am
ACHIEVING HIGH PERFORMANCE VIDEO PROCESSING IN AUTOMOTIVE INFOTAINMENT SYSTEMS
Speakers: Mukund Srinivasan (Ittiam Systems)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

Wednesday, October 25 | 8:30am - 9:20am
ARM TRUSTZONE ARM-V8-M PRIMER
Speakers: Bob Boys (Arm)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Wednesday, October 25 | 8:30am - 9:20am
AUTONOMOUS NETWORKS
Speakers: Osama Khan (UC Berkeley)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Wednesday, October 25 | 8:30am - 9:20am
PANEL – IOT & THE POWER OF WHERE
Speakers: Brian Salisbury (Comtech Telecommunications Corp)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Panel Discussion

WEDNESDAY | 9:30AM

Wednesday, October 25 | 9:30am - 9:55am
KEYNOTE – HUMANIZING TECHNOLOGY
Keynotes: Simon Segars (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Keynote (Free)
Format: 25-Minute Keynote (Free)

WEDNESDAY | 9:55AM

Wednesday, October 25 | 9:55am - 10:20am
KEYNOTE – CAPTURING BUSINESS VALUE IN THE HYPER-CONNECTED WORLD
Keynotes: Dipesh Patel (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Keynote (Free)
Format: 25-Minute Keynote (Free)

WEDNESDAY | 10:30AM

Wednesday, October 25 | 10:30am - 11:20am
END-TO-END SECURITY DERIVED FROM A HARDWARE BASED ROOT OF TRUST
Speakers: Stein Myrseth (ForgeRock)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Wednesday, October 25 | 10:30am - 11:20am
MINORITY REPORT: SCIENCE FICTION OR SCIENCE FACT?
Speakers: Trish Messiter (clarinox)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Wednesday, October 25 | 10:30am - 11:20am
PANEL – BREAKTHROUGH TECHNOLOGIES ENABLING THE FUTURE OF IOT
Speakers: Jason Hillyard (Arm)
Pass Type: All-Access Pass
Track: Internet of Things

↑

Format: 50-Minute Panel Discussion

Wednesday, October 25 | 10:30am - 11:20am
PANEL – HYPERVISORS: A REAL TREND IN EMBEDDED, OR JUST HYPE?
Speakers: Simon Davidmann (Imperas), Cesare Garlati (prpl Foundation), Brian Bailey (Semiconductor Engineering), Chris Turner (ARM), Jack Greenbaum (Green Hills Software, Inc)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Panel Discussion

WEDNESDAY | 11:00AM

Wednesday, October 25 | 11:00am - 11:30am
INTRODUCTION TO ARM
Speakers: Chris Shore (Arm)
Pass Type: All-Access Pass, Arm mbed Connect Pass, Expo Pass, Training Pass
Track: Arm Theater (Free)
Format: 30-Minute Arm Theater (Free)

WEDNESDAY | 11:30AM

Wednesday, October 25 | 11:30am - 12:20pm
"CONFIDENTIALITY, INTEGRITY & HIGH-AVAILABILITY" (CIA) FOR CYBER SECURITY @EDGE
Speakers: Iisko Lappalainen (MontaVista Software LLC)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Wednesday, October 25 | 11:30am - 12:20pm
CONNECT YOUR IOT DEVICE: BLUETOOTH 5, 802.15.4, NB-IOT
Speakers: Prithi Ramakrishnan (Arm), Chet Babla (Arm)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Wednesday, October 25 | 11:30am - 12:20pm
FUNCTIONAL SAFETY: WHAT IS ARM DOING TO SUPPORT THIS CRITICAL CAPABILITY?
Speakers: Neil Stroud (Arm Inc)
Pass Type: All-Access Pass
Track: Automotive, Industrial & Functional Safety
Format: 50-Minute Technical Session

Wednesday, October 25 | 11:30am - 12:20pm
MESH NETWORKING: IOT ASSET MANAGEMENT SIMPLIFIED
Speakers: Richard Kinder (Wirepas)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

WEDNESDAY | 1:30PM

Wednesday, October 25 | 1:30pm - 2:20pm
KEYNOTE – HOW TO HACK A HUMAN
Keynotes: Jessica Barker (cyber.uk)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Keynote (Free)
Format: 50-Minute Keynote (Free)

WEDNESDAY | 2:30PM

Wednesday, October 25 | 2:30pm - 3:20pm
BEYOND TRUSTZONE
Speakers: Robert Coombs (Arm)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Wednesday, October 25 | 2:30pm - 3:20pm
IOT CYBERSECURITY FOR ARM-BASED DEVICES
Speakers: Thurston Brooks (PFP Cybersecurity), Dan Isaacs (Xilinx, Inc.)
Pass Type: All-Access Pass
Track: Internet of Things

↑

Format: 50-Minute Technical Session

Wednesday, October 25 | 2:30pm - 3:20pm
KEY CONSIDERATIONS FOR SELECTING AND OPTIMIZING AN MCU FOR ULTRA-LOW-POWER IOT DEVICES
Speakers: Markus Levy (EEMBC), Craig Giglio (Silicon Labs)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Wednesday, October 25 | 2:30pm - 3:20pm
MASTERING REAL-TIME DEBUGGING TECHNIQUES ON THE CORTEX-M
Speakers: Jacob Beningo (Beningo Embedded Group)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Wednesday, October 25 | 2:30pm - 3:00pm
SECURING THE CONNECTED VEHICLE ECOSYSTEM WITH ARM TRUSTZONE
Speakers: Ashley Stevenson (ForgeRock)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Arm Theater (Free)
Format: 30-Minute Arm Theater (Free)

WEDNESDAY | 3:30PM

Wednesday, October 25 | 3:30pm - 4:20pm
BROKERING OF IOT IDENTITIES
Speakers: Ben Smeets (Ericsson)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Wednesday, October 25 | 3:30pm - 4:20pm
INTRODUCING A SOLAR-POWERED ASYNCHRONOUS CORTEX-M3 MICROCONTROLLER
Speakers: David Baker (Eta Compute)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Wednesday, October 25 | 3:30pm - 4:20pm
PANEL – ENSURING YOUR SUPPLY CHAIN OF TRUST: WHOSE PROBLEM IS IT?
Speakers: Haydn Povey (Secure Thingz), Rob Coombs (ARM), Mark Schaeffer (Renesas Electronics Inc.), Ed Sperling (Semiconductor Engineering), Rafael Taubinger (IAR Systems)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Panel Discussion

Wednesday, October 25 | 3:30pm - 4:20pm
SECURING EMBEDDED REAL-TIME OPERATING SYSTEMS
Speakers: Christopher Seidl (Arm Germany GmbH)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

WEDNESDAY | 4:30PM

Wednesday, October 25 | 4:30pm - 5:20pm
ACCELERATE YOUR TRUSTED SOFTWARE DEVELOPMENT USING OP-TEE
Speakers: Akshay Bhat (Timesys)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Wednesday, October 25 | 4:30pm - 5:20pm
BLOCKCHAIN-BASED AUTHENTICATION SCHEME WITH ARM IMPLEMENTATION
Speakers: Qiang Li (CloudMinds Technology)
Pass Type: All-Access Pass

↑

Track: Trust & Security
Format: 50-Minute Technical Session

Wednesday, October 25 | 4:30pm - 5:20pm
BUILDING DEBUG & TRACE OVER FUNCTIONAL IO WITH CORESIGHT SOC-600
Speakers: Antonio Russo (Arm)
Pass Type: All-Access Pass
Track: Silicon Design
Format: 50-Minute Technical Session

Wednesday, October 25 | 4:30pm - 5:20pm
MAKING AN ARM-BASED IPV6/6LOWPAN BORDER ROUTER
Speakers: Michael Anderson (The PTR Group, Inc.)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

WEDNESDAY | 5:30PM

Wednesday, October 25 | 5:30pm - 6:00pm
APPLYING ASYMMETRIC HETEROGENEOUS ARCHITECTURE USING ARM CORTEX-A & CORTEX-M PROCESSORS
Speakers: Brandon Shibley (Toradex)
Pass Type: All-Access Pass, Expo Pass, Arm mbed Connect Pass, Training Pass
Track: Arm Theater (Free)
Format: 30-Minute Arm Theater (Free)

THURSDAY | 8:30AM

Thursday, October 26 | 8:30am - 9:20am
ANALYSIS OF NFV VIRTUAL SWITCHING SOLUTIONS ON ARM
Speakers: Sandeep Malik (NXP Semiconductor India Ltd)
Pass Type: All-Access Pass
Track: Networking & Servers
Format: 50-Minute Technical Session

Thursday, October 26 | 8:30am - 9:20am
FUTURE OF CELLULAR IOT
Speakers: William Hart (Particle)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Thursday, October 26 | 8:30am - 9:20am
SAFER & MORE SECURE ARM CORTEX-M SOFTWARE USING THE MEMORY PROTECTION UNIT
Speakers: German Rivera (Google)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Thursday, October 26 | 8:30am - 9:20am
TRUSTWORTHY RUNTIME VERIFICATION ON RESOURCE-CONSTRAINED PLAFORMS
Speakers: John Clemens (Johns Hopkins University Applied Physics Lab), Branden Sherrell (Johns Hopkins University Applied Physics Lab)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

THURSDAY | 9:30AM

Thursday, October 26 | 9:30am - 9:55am
KEYNOTE – PROCESS TECHNOLOGY LIMBO
Keynotes: Greg Yeric (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Keynote (Free)
Format: 25-Minute Keynote (Free)

THURSDAY | 9:55AM

Thursday, October 26 | 9:55am - 10:20am
KEYNOTE – HOW TO BUILD AND CONNECT A TRILLION THINGS   ↑
Keynotes: Rob Aitken (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass

Track: Keynote (Free)
Format: 25-Minute Keynote (Free)

THURSDAY | 10:30AM

Thursday, October 26 | 10:30am - 11:20am
ACCELERATING INTELLIGENCE-AT-THE-EDGE FOR EMBEDDED & IOT APPLICATIONS
Speakers: Govind Wathan (Arm)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Thursday, October 26 | 10:30am - 11:20am
BRINGING SOFTWARE LIBRARIES INTO ARM TRUSTZONE
Speakers: Todd Ouska (wolfSSL)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Thursday, October 26 | 10:30am - 11:20am
LEVERAGING CONCURRENCY FOR HIGH-PERFORMANCE ON ARM MULTICORE SOCS
Speakers: David C Black (Doulos), Dr David Cabanis (Doulos)
Pass Type: All-Access Pass
Track: High-Efficiency Systems
Format: 50-Minute Technical Session

Thursday, October 26 | 10:30am - 11:20am
RUNNING TENSORFLOW MACHINE LEARNING ON ARM EMBEDDED HARDWARE
Speakers: Andrew Richards (Codeplay Software)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

THURSDAY | 11:00AM

Thursday, October 26 | 11:00am - 11:30am
PANEL – THE ROAD TO ONE TRILLION DEVICES
Moderators: Brian Fuller (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Arm Theater (Free)
Format: 30-Minute Arm Theater (Free)

THURSDAY | 11:30AM

Thursday, October 26 | 11:30am - 12:20pm
AI BEYOND CATS & CARS
Speakers: Alexey Rybakov (Luxoft)
Pass Type: All-Access Pass
Track: Computer Vision, Machine Learning & Graphics
Format: 50-Minute Technical Session

Thursday, October 26 | 11:30am - 12:20pm
ENABLING FIRMWARE UPDATES OVER LPWAN
Speakers: Jan Jongboom (Arm)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Thursday, October 26 | 11:30am - 12:20pm
OPTEE ON NXP I.MX 7: BRINGING TEE INTO PAYMENT APPLICATIONS.
Speakers: Silvano di Ninno (NXP)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Thursday, October 26 | 11:30am - 12:20pm
SOLVING THE CHALLENGES IOT EDGE DESIGN
Speakers: Jeff Miller (Mentor, a Siemens Company)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session   ↑

THURSDAY | 12:30PM

Thursday, October 26 | 12:30pm - 1:00pm
OBSOLETE SOFTWARE, NEW HARDWARE: 30-YEAR-OLD IRISGL ON CORTEXA & FPGA
Speakers: Brad Grantham (The Alice Group)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Arm Theater (Free)
Format: 30-Minute Arm Theater (Free)

THURSDAY | 1:30PM

Thursday, October 26 | 1:30pm - 2:20pm
ARMING YOURSELF WITH UNIT TESTS
Speakers: David Guinn (S&C Electric Co.)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Thursday, October 26 | 1:30pm - 2:20pm
BUILDING FIRMWARE UPDATES: THE DEVIL IS IN THE DETAILS
Speakers: Brendan Moran (Arm Ltd.)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Thursday, October 26 | 1:30pm - 2:20pm
COMPREHENSIVE ARM SOLUTIONS FOR INNOVATIVE ML & CV APPLICATIONS
Speakers: Ian Forsyth (Arm)
Pass Type: All-Access Pass
Track: Computer Vision, Machine Learning & Graphics
Format: 50-Minute Technical Session

Thursday, October 26 | 1:30pm - 2:20pm
TEES UNDER ATTACK: DEMYSTIFYING PRACTICAL ATTACKS & COMMON DEFENSES
Speakers: Jasper van Woudenberg (Riscure)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

THURSDAY | 2:00PM

Thursday, October 26 | 2:00pm - 2:30pm
IOT ONLINE TECHNICAL TRAINING FOR THE DIGITAL NATIVE
Speakers: Matt Rushton (Arm)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Arm Theater (Free)
Format: 30-Minute Arm Theater (Free)

THURSDAY | 2:30PM

Thursday, October 26 | 2:30pm - 3:20pm
ARM LLVM FOR THE RASPBERRY PI
Speakers: Catherine Moore (Mentor - A Siemens Business)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

Thursday, October 26 | 2:30pm - 3:20pm
DEPLOYING A SECURE IDENTITY ON AN ARMV8-M PROCESSOR
Speakers: Steve Pancoast (Secure Thingz), Rafael Taubinger (IAR Systems)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Thursday, October 26 | 2:30pm - 3:20pm
MACHINE LEARNING IN INTELLIGENT IOT DEVICES
Speakers: Felix Baum (Qualcomm)
Pass Type: All-Access Pass
Track: Computer Vision, Machine Learning & Graphics
Format: 50-Minute Technical Session

Thursday, October 26 | 2:30pm - 3:20pm

RESOLVING THE PERFORMANCE VS EFFICIENCY CONFLICT FOR EMBEDDED & IOT APPLICATIONS
Speakers: Kinjal Dave (Arm)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

THURSDAY | 2:45PM

Thursday, October 26 | 2:45pm - 3:15pm
OPTIMIZING NEURAL NETWORKS FOR ARM V7, V8 & MALI
Speakers: Brad Scott (Au-Zone Technologies Inc)
Pass Type: Arm mbed Connect Pass, All-Access Pass, Expo Pass, Training Pass
Track: Arm Theater (Free)
Format: 30-Minute Arm Theater (Free)

THURSDAY | 3:30PM

Thursday, October 26 | 3:30pm - 4:20pm
A PLATFORM APPROACH TO SECURING YOUR MEDICAL DEVICES
Speakers: Kaushal Vora (Renesas Electronics America Inc.), Mark Schaeffer (Renesas Electronics America Inc.)
Pass Type: All-Access Pass
Track: Trust & Security
Format: 50-Minute Technical Session

Thursday, October 26 | 3:30pm - 4:20pm
ACCELERATING EV APPLICATIONS IN HETEROGENEOUS SOCS USING A SYSTEM OPTIMIZING COMPILER
Speakers: Adam Taylor (e2v)
Pass Type: All-Access Pass
Track: Computer Vision, Machine Learning & Graphics
Format: 50-Minute Technical Session

Thursday, October 26 | 3:30pm - 4:20pm
BLUETOOTH & BEYOND
Speakers: Arun Rajasekaran (Plantronics)
Pass Type: All-Access Pass
Track: Internet of Things
Format: 50-Minute Technical Session

Thursday, October 26 | 3:30pm - 4:20pm
USING VIRTUAL PLATFORMS TO IMPROVE SOFTWARE VALIDATION EFFICIENCY
Speakers: Daniel Owens (Arm)
Pass Type: All-Access Pass
Track: Embedded Software Development
Format: 50-Minute Technical Session

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