

Embedded Platforms Conference—Program

89 percent of those who attended the Embedded Platforms Conference in 2016 said that they were satisfied to very satisfied.

The Embedded Platforms Conference will consist of 30 40-minute lectures that are broken down into two tracks that run simultaneously. Each day's program of events will be rounded out by a brief opening and a concluding discussion.

The conference program is compiled by the program committee on the basis of submitted and invited papers.

The program of the next electronica Embedded Platforms Conference (eEPC) will be available here as **of spring 2020**.

The themes addressed over the two-day electronica Embedded Platforms Conference (eEPC) in 2018 were:

November 14, 2018— Day 1	Morning session	Afternoon session
Track 1	Embedded Modules	Embedded Boards
Track 2	IoT 1	IoT 2
November 15, 2018—Day 2	Morning session	Afternoon session
Track 3	Embedded Design	Software Development
Track 4	IoT 3	Machine Learning

Track 1

Moderator: Siegfried Weigert, ibw industrieberatung

Time	Title, Speaker
09:30	<i>Conference opening Track 1</i>
09:40	1.1 Comparing high density Flash solutions for Autonomous driving: NOR, SLC NAND, and eMMC

Save the date

electronica Embedded Platforms Conference
 | ICM – Internationales Congress Center
München

Date: Nov 14 - 15, 2018

	Anil Gupta, Winbond Electronics
10:20	1.2 Why is a custom chip the right choice for Industrial IoT manufacturers? Alessandro Grande, ARM
11:00	<i>Coffee break</i>
11:30	1.3 Industry 4.0 embedded processor platform with integrated TSN Thomas Leyrer, Texas Instruments
12:10	1.4 Efficient Embedded Programming of Multicore Platforms, GPUs and FPGAs Dr. Timo Stripf, Emmtrix Technologies
12:50	<i>Lunch break</i>
13:50	1.5 Keynote powered by Elektor: Raspberry Pi goes Industrial Eben Upton, Raspberry Pi Foundation
14:30	1.6 Raspberry Pi goes Industry Daniel Kilian, Farnell element14
15:10	1.7 Rapid prototyping real-time applications on Raspberry Pi Daniel Morris, eCosCentric
15:50	<i>Coffee break</i>
16:20	1.8 Professional Automation meets Raspberry Pi Robin Turner, Qube Solutions
17:00	1.9 Smart Modules: Enabling the Next Frontier of Connected Devices Anil Telikepalli, Maxim Integrated

Track 2

Moderator: Siegfried Best, Best Media Service

Time	Title, Speaker
09:30	<i>Conference opening Track 2</i>
09:40	2.1 Multi-protocol wireless communication—Multiple wireless protocol stacks running concurrently on single device. Use-cases and performance trade-offs Gilboa Ben, Texas Instruments
10:20	2.2 Innovative RF communication method using load modulation in highly RF-weakening environment Jože Dermol, Strip's
11:00	<i>Coffee break</i>
11:30	2.3 IoT – Low power Embedded WiFi Asaf Even-Chen, Texas Instruments
12:10	2.4 How to develop and test a long-range radio application for IOT with a minimum of effort and little background knowledge Manfred Schommarz, Würth Elektronik eiSos
12:50	<i>Lunch break</i>
13:50	1.5 Keynote: Raspberry Pi Session powered by Elektor Eben Upton, Raspberry Pi Foundation
14:30	2.5 Sensor to Cloud Connection Made Simple With Intelligent Gateway Volker Rzehak, Texas Instruments
15:10	2.6 The future of MEMS-based smart sensor nodes in the context of highly functional and ultra-low power IoT applications Dr. Ralf Schellin, Bosch Sensortec

15:50	<i>Coffee break</i>
16:20	2.7 Selecting Cellular LPWAN Technology for the Internet of Things Mark Tekippe, Digi International
17:00	2.8 iENBL: The Ultimate Low Power Wide Area Network Rapid Development Platform Dr. Juan Nogueira, Flex

Track 3

Moderator: Siegfried Weigert, ibw industrieberatung

Time	Title, Speaker
09:30	<i>Conference opening Track 3</i>
09:40	3.1 Building Blocks for Faster Development Dr. Heba El-Shaarawy, LACROIX Electronics
10:20	3.2 Remote Evaluation of silicon products on Embedded Systems Dr. Reza Purtoosi and Peter Canty, Analog Devices
11:00	<i>Coffee break</i>
11:30	3.3 Printed Electronics: mass production & research and development Wladimir Punt, Molex
12:10	3.4 Future Proofing Embedded System Thermal Design Jussi Myllyluoma, Nolato Silikonteknik
12:50	<i>Lunch break</i>
13:50	3.5 Keynote Embedded AI: Why Endpoints do not want to stay stupid Michael Hannawald, Renesas

14:30	3.6 Essential Security Requirements for Internet of Things Devices Jack Ogawa, Cypress Semiconductor
15:10	3.7 Yocto Project Linux as a Platform for Embedded Systems Design Alex González, Digi International
15:50	<i>Coffee break</i>
16:20	3.8 Embedded Virtualization for Leveraging Multi Core Systems in Safety Critical Applications Stefan Harwarth, Wind River
17:00	3.9 Implementing a Secure OTA update application for wireless MCU devices Nicholas Lethaby, Texas Instruments

Track 4

Moderator: Peter Stiefenhöfer, PS Marcom Services

Time	Title, Speaker
09:30	<i>Conference opening Track 4</i>
09:40	4.1 Building Out the Industrial IoT Vision Suhel Dhanani, Maxim Integrated
10:20	4.2 Connectivity industry: a key innovation driver in the wearability of electronic devices and in the Internet of Things Jean-Marie Buchilly, Fischer Connectors
11:00	<i>Coffee break</i>
11:30	4.3 Removing the barriers to developing secure IoT solutions Erik Jacobson, ARM

12:10	4.4 Data to the Cloud— 6 weeks of design time, realistic or sportive Klaus Vogel, Acal BFI
12:50	<i>Lunch break</i>
13:50	3.5 Keynote: Embedded AI: Why Endpoints do not want to stay stupid Michael Hannawald, Renesas
14:30	4.5 Intelligence everywhere —Bringing machine learning everywhere computing happens Alessandro Grande, ARM
15:10	4.6 ATM Protection Using Embedded Deep Learning Solutions Prof. Antonio Rizzo, University of Siena
15:50	<i>Coffee break</i>
16:20	4.7 Catalyst for the Future: Adaptive Manufacturing Fuels the Power of Industrial IoT Jeff deAngelis, Maxim Integrated
17:00	4.8 What Is Edge Compute? Andreas Burghart, Digi Internationall

➤ The program of the electronica Embedded Platforms Conference (eEPC) for download (166 kB PDF-document)

→ All abstracts can be found in the events calendar
