

LoRaWAN THEATER

9:30	GRAND OPENING	
9:40	LoRaWAN is here to stay! Let's build the market together <i>Wienke Giezeman & Johan Stokking</i> <i>The Things Industries</i>	
10:00	Extending LoRaWAN's reach <i>Nicolas Sornin - Semtech</i>	
10:30	WELCOME Chris van 't Hof - Conference host	
11:00	Break	
11:30	How to build a secure provision workflow and strengthen authentication to TTI's join servers <i>Xavier Bignalet - Microchip</i>	
12:00	From LoRaWAN 1.0 to 1.1, what are the security enhancements <i>Renaud Lifchitz - digital.security</i>	
12:30	The impossible job of being a complete end-to-end IoT expert <i>Charles Paumelle - LoRa Alliance</i>	
12:50	LoRaWAN at Hackster.io <i>Alex Glow - Hackster</i>	
13:00	Break	
13:30	Open satellite LoRaWAN at scale <i>Thomas Telkamp - Lacuna Space</i>	
13:45	Firmware Updates over LoRaWAN <i>Jan Jongboom - Arm</i>	
14:00	Many LoRaWAN sensors, one Arduino IoT Cloud to rule them all <i>Luca Cipriani - Arduino</i>	
14:15	Operating gateways with unstable connectivity using AWS IoT Greengrass <i>Richard Elberger - AWS</i>	
14:30	Break	
14:50	LoRaWAN and the Intelligent Edge: Powerful solutions with Azure IoT <i>Olivier Bloch - Microsoft</i>	
15:00	Global connectivity for the Internet of Things <i>Flavia Tata Nardini - Fleet Space</i>	
15:20	The evolution of The Things Network to V3 includes peering, enhanced security, LoRaWAN 1.1, flexible deployment models and FOTA <i>Johan Stokking - The Things Industries</i>	
15:30	Closing of the first day <i>Wienke Giezeman & Chris van 't Hof</i>	

TRACKS

- LoRaWAN
- From 0 to 1
- Business
- Deployments
- Security
- Use Cases
- From 1 to 1M

THE THINGS STAGE

11:10	The importance of the Ecosystem to make the IoT a reality <i>Ana Bernal - Libelium</i>	
11:30	From Plug&Play to Plug&Forget: Energy Harvesting in IoT <i>Simon van der Jagt - NOWI</i>	
11:50	What about never having to use batteries again? <i>Sven Haitjema - TWTG</i>	
12:00	Integrated antenna design for IoT devices <i>Jordi Balcells - IMST</i>	
12:30	Break	
12:50	Take your LoRaWAN project to the next level with the XDK Node <i>Reiner Schmohl - Bosch</i>	
13:00	Is your LoRaWAN solution long-lived? <i>Vanja Samuelsson - Qoitech</i>	
13:30	Development of a Smart Office sensor network solution <i>Marco van der Pal - Capgemini</i>	
13:50	Challenges in Scaling of IoT Sensors <i>Schekeb Fateh - Miromico</i>	
14:00	Simplifying device deployment and administration with secure remote provisioning services <i>Jean-Charles Lesage - Idemia</i>	
14:30	Level up with LoRa <i>Dirk Losch - Lufthansa Industry Solutions</i>	
14:45	Asset condition monitoring in factories with LoRaWAN sensors <i>Romuald Gallorini - TE Connectivity</i>	
15:00	Why Machine Learning on Microcontrollers? <i>Neil Tan - ARM</i>	
15:20	Edge Computing and the Next Generation of IoT Sensors <i>Alex Raimondi - Miromico</i>	
15:30	Break	
15:40	Selecting the Right LoRa IC for Your Application <i>David Armour - Semtech</i>	
16:00	Enhanced Security for LoRaWAN devices - From a real case of physical attacks to an innovative secure software <i>Hervé Roche - Trusted Objects & Michel Le Rolland</i>	
16:20	LoRaWAN Certification process and benefits to the ecosystem <i>Derek Hunt - LoRa Alliance</i>	
16:30	Designing a LoRaWAN IoT solution for telematics in the construction industry <i>Paul Jones - Machinemax</i>	
16:40	LoRaTLS: Approaching BSI-compliance for Smart Metering in Germany - A Bottleneck analysis <i>Christian Zenger & Jan Zimmer - PHYSEC</i>	
17:00		
17:15		
17:30		

LoRaWAN THEATER

9:30	Solutions not technology, what customers want and how to enable them <i>Alistair Fulton - Semtech</i>	
10:00	Creativity is contagious: how hardware companies support IoT innovation <i>Sander Arts - Marketing Advisor</i>	
10:30	Evolution of LoRaWAN as a standard <i>Alper Yegin - LoRa Alliance</i>	
11:00	Break	
11:20		
11:30	5000 pieces in 12 weeks - Yes we do! <i>Stefan Zimmermann - Comtac</i>	
11:40	From Prototype to Commercial and China Market Overview <i>Kinson Chan - RAK Wireless</i>	
12:00	Commercializing IoT <i>Kevin Bromber - myDevices</i>	
12:30	Break	
13:00	Venture Investment in LoRa Technology and the IoT Market <i>Stephen Berard - Momena Partners</i>	
13:30	Cloud Service and Geolocation Update <i>Richard Lansdowne - Semtech</i>	
14:00	LoRaWAN Regional Parameters Standardization <i>David Smith - LoRa Alliance</i>	
14:30	Break	
15:00	Transforming Train Stations with LoRaWAN <i>Olga Willner & Oliver Brandmüller - Deutsche Bahn</i>	
15:30	LoRaWAN and the Ocean Cleanup <i>Jasper den Hartog - MCS</i>	
15:50		
16:00	Building smart working spaces at WeWork <i>Alan Jackson & Brian Rosenberg - WeWork</i>	
16:10	Near- and under-water devices with LoRaWAN <i>Luka Mustafa - Imas</i>	
16:30	Wildlife protection <i>Laurens de Groot - Smartparcs</i>	
17:00	Closing: Looking Back & Forward <i>Wienke Giezeman & Chris van 't Hof</i>	

THE THINGS STAGE

9:30	IoT driven supply chains, let LoRaWAN cut's cost for you and your clients <i>Joris Tenhagen - Pharox</i>	
9:45	Microclimate Network - Open sensor platform for improved outdoor environment <i>Tomaz Suklje - Microclimate.network</i>	
10:00	How IoT contributes to the connected society <i>Manuela Krull - Startup boothcamp</i>	
10:20	From Sensor to Value: A journey <i>Chris Dipple - Microshare</i>	
10:30	From Maker to Market: 4 design principles for LoRaWAN Nodes <i>Jeroen Hobbelman & Lucio Di Jasio - Microchip</i>	
10:40		
11:00	How to get the most out of LoRa Geolocation <i>Titia Houwing & Paul Marcelis - KPN</i>	
11:20	Low Power Wireless Energy Management Solutions for Industry and Utilities. Use cases and go-to-market approach <i>Klemen Logar - Solvera Lynx</i>	
11:30		
11:40	Break	
12:00	M00vement - Cattle Tracking <i>Henk Kuipers - Rabobank</i>	
12:15	Teralytic's real-time soil sensors: Grow more using less <i>Steven Ridder - Teralytic</i>	
12:30	Disrupting urban innovation with LPWAN technologies <i>Alex Gluhak - Digital Catapult</i>	
12:50		
13:00	Developing with the SAMR34/35 <i>Clayton Pillion - Microchip</i>	
13:10	Break	
13:30	Successfully Commercialising LoRaWAN - Lessons Learned <i>Ali Miller - Koolzone</i>	
13:40		
14:00	Building your business with TTN <i>Paul McManus - Meshed IoT</i>	
14:10	LoRa Network planning challenges <i>Sylvain Aubin - Siradel</i>	
14:30	Develop with mbed OS <i>Jan Jongboom - Developer Evangelist ARM</i>	
14:50		
15:00	Mindsphere - the wealth of data <i>Matthias Barbian - Siemens</i>	
15:10	Break	
15:30	Air quality sensing <i>Reinhard Bischoff - Decentlab</i>	
15:50		
16:00	LoRaWAN and disaster reduction <i>Takeo Hiyama - M2B</i>	
16:10	Paintable IOT: Scalable sensing through intelligent coatings <i>Matt Johnson - BareConductive</i>	
16:30	Building The Things Network in Africa using TTN Mapper <i>JP Meijers - TTN Mapper</i>	

WORKSHOPS JANUARY 31

	GREEN ROOM	BLUE ROOM	PURPLE ROOM	RED ROOM
11:00	LoRaWAN Getting Started: Setting up the end-node device Patrick Webber - Stackforce	Embedded Blockchain & Digital Clone with LoRaWAN Andre Legendre - Kalima Systems	Low Power LoRa Jan Willem Smeenk - SODAQ	Let's go for scale! Develop your chip-down LoRaWAN product with high level security
12:00	Integrate your TheThingsNetwork devices in Azure IoT Central in minutes Luca Drula - Microsoft	Disrupt any business with TTN, Google Sheet and Zapier Jérôme Chambard - Skiplly	Debugging what's happening at the edge with Laird RM1xx Colin Anderson - Laird	Gregory Demont & Ian Pearson - Microchip
13:00	Integrate your TheThingsNetwork devices in Azure IoT Central in minutes Luca Drula - Microsoft	Deploy an offline, private LoRaWAN Network Server Marco Barbato - AAEON	How to Distinguish and Build outdoor and Carrier Grade Gateways Roman Nemish - Tektelic	Let's go for scale! Develop your chip-down LoRaWAN product with high level security
14:00	LoRaWAN battery operated network extender Nicolas Somin - Semtech	Deploy an offline, private LoRaWAN Network Server Marco Barbato - AAEON	Rolling out IoT devices with a single activation code Danilo Vidovic - AllThingsTalk	Gregory Demont & Ian Pearson - Microchip
15:00	Introducing Semtech's Next-Generation LoRaWAN Gateway Client - open-source and free for all Anton Beitler - Semtech	Realize your IoT use case with the free programmable XDK Reiner Schmohl & Martin Clement - Bosch	Build your own LoRaWAN device, from prototype to commercial Kinson Chan & Steven Tang - RAK Wireless	Let's go for scale! Develop your chip-down LoRaWAN product with high level security
16:00	Interactive Q&A about the LoRaWAN stack Miguel Luis - Semtech	Remotely monitoring and updating your RPi gateway with Pi Supply and Balena Pi Supply & Balena	Join myDevices System Integrator program and start making money reselling your own solutions Alain Penault - myDevices	Gregory Demont & Ian Pearson - Microchip
17:00	Develop your own application on Embit micro embedded LoRaWAN module Fabio Bonizzi -Embit		mcf88 Industrial Sensors Franco Zampicini - MCF88	

WORKSHOPS FEBRUARY 1

	GREEN ROOM	BLUE ROOM	PURPLE ROOM	RED ROOM
10:00	LoRaWAN battery operated network extender Nicolas Somin - Semtech	Remotely monitoring and updating your RPi gateway with Pi Supply and Balena Pi Supply & Balena	LoRaWAN Getting Started: Setting up the end-node device Patrick Weber - Stackforce	Embedded Blockchain & Digital Clone with LoRaWAN Andre Legendre - Kalima Systems
11:00	Implementing LoRa inside the Linux kernel Ben Whitten - Laird	Connecting IoT devices to FIWARE using LoRaWAN and The Things Network Daniel Calvo & Adrian Arroyo - ATOS	Build your own LoRaWAN device, from prototype to commercial Kinson Chan & Steven Tang - RAK Wireless	Let's go for scale! Develop your chip-down LoRaWAN product with high level security
12:00	Introducing Semtech's Next-Generation LoRaWAN Gateway Client - open-source and free for all Anton Beitler - Semtech	Connecting IoT devices to FIWARE using LoRaWAN and The Things Network Daniel Calvo & Adrian Arroyo - ATOS	Create the LoRa Mesh Network with Pymesh and LoPy Catalin Loana - Pycom	Gregory Demont & Ian Pearson - Microchip
13:00	Integrate your TheThingsNetwork devices in Azure IoT Central in minutes Luca Drula - Microsoft	Build and scale your LoRaWAN network in minutes with MultiTech's Conduit gateway Campbell & Richard - Multitech	Low-cost Antenna Measurement Fabien Ferrero - University Côte d'Azur	Let's go for scale! Develop your chip-down LoRaWAN product with high level security
14:00	Integrate your TheThingsNetwork devices in Azure IoT Central in minutes Luca Drula - Microsoft	Python and LoRaWAN: from "Hello World" to professional IoT applications Gabriele & Luigi - Zerynth	Low-cost Antenna Measurement Fabien Ferrero - University Côte d'Azur	Gregory Demont & Ian Pearson - Microchip
15:00	LoRaWAN Radio Planning - Simulating your network deployment Remko Welling - TTN Apeldoorn	Realize your IoT use case with the free programmable XDK Reiner Schmohl & Martin Clement - Bosch	Gain a Free and Complete IoT Solution for Your Hardware with IoT in a Box Ann Ai - myDevices	Let's go for scale! Develop your chip-down LoRaWAN product with high level security
16:00	Integrate any LoRaWAN device into any modern software application or IT system landscape in minutes Sebastian Stute - Smartmakers	Building Smart Apps using Mendix and The Things Network Simon Black - Mendix	mcf88 Environmental Sensors Andrea Raumer - MCF88	Gregory Demont & Ian Pearson - Microchip