

INNOVATION WORLD CUP MUNICH DEVELOPER WORKSHOP

30 January 2018

HOW TO DEVELOP
IOT SOLUTIONS
WITH ST STARTER
KIT AND MICROSOFT
AZURE CLOUD

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WT | CONFERENCE EUROPE
Messe München, 81823 München



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08:30am REGISTRATION OPENS

09:00am WELCOME AND INTRODUCTION TO STM32 OPEN DEVELOPMENT ENVIRONMENT

Gilles Alcocer, IoT and Partner Ecosystem Senior Manager, **STMicroelectronics**

09:20am INTRODUCTION TO MICROSOFT AZURE IOT

Francesco Dauri, Cloud Solution Architect – IoT, Data Platform and Analytics, **Microsoft**

09:40am DEVELOPER WORKSHOP - GETTING STARTED WITH ST IOT STARTER KIT FOR MICROSOFT AZURE

Emanuele Quacchio, Project Leader Embedded Software, **STMicroelectronics**

Peter Bensch, EMEA Central FAE, **STMicroelectronics**

Sascha Wilde, EMEA Central FAE, **STMicroelectronics**

Learn how to connect the STMicroelectronics IoT Starter Kit to Microsoft Azure and build IoT solutions.

The IoT Starter kit (P-NUCLEO-AZURE1) includes an STM32 Microcontroller and several expansion boards for Wi-Fi and NFC connectivity along with inertial and environmental sensors.

- **NUCLEO-L476RG** (STM32 Nucleo-64 development board with STM32L476RG MCU)
- **X-NUCLEO-IDW01M1** (Wi-Fi expansion board based on the SWPF01SA module)
- **X-NUCLEO-IKS01A2** (motion MEMS and environmental sensor expansion board)
- **X-NUCLEO-NFC01A1** (dynamic NFC tag expansion board based on M24SR).

Through application examples participants will learn how to transmit and monitor sensor data and how to implement a complete device management solution including provisioning, device configuration and firmware update.

Participants will receive free of charge the P-NUCLEO-AZURE1 Starter Kit.

12:30pm NETWORKING LUNCH AND DEMO

1:30pm - 2.30pm INTRODUCTION TO THE RUSHUP CLOUD-JAM L4 BOARD

Christian Raineri, CEO, **RushUp**

For further information
please contact:
Navispace AG | Elisa Gava
Email: e.gava@navispace.de
Phone +49 8152 99 88 622
 @IWCNavispace



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