

# Seminar Invitation

# AVNET<sup>®</sup> SILICA

## REGISTRATION

[online](#)

### IOT HANDS-ON WITH ON SEMICONDUCTOR BLE & RF SOLUTIONS.

Avnet Silica and ON Semiconductor are pleased to invite you to this **IoT hands-on with ON Semiconductor BLE & RF solutions, with a practical session based** on RSL10 BLE Sip Module.

In this seminar, you will get the latest update on Wireless RF products offered from ON Semiconductor. In addition you will learn deep details on ON Semiconductor Bluetooth Low Energy products including features and benefits as well as how to utilize the SDK to develop applications like a mesh network with RSL10.

RSL10 is unique with its power consumption and operating characteristics yet very flexible with different package options and integration level.

### AGENDA

- **09:15** Registration
- **09:30** Avnet Silica Company Presentation  
ON Semiconductor Company Presentation

#### Part 1: Wireless technology/product update

- **10:00** ON Semiconductor Wireless & RF product update (SubGHz, 2.4GHz, BLE, RFID Smart Passive Sensors)  
IoT fast prototyping tools (IoT Development Kit)
- **10:30** Coffee break
- **11:00** BT overview & introduction to Bluetooth 5.0
  - New characteristics and functionalities (long range, low energy, mesh,...)
  - RSL10 introduction, hardware, advantages
  - RSL10 development platforms & application examples
  - Introduction to SDK, use of CMSIS package and examples

#### Part 2: Hands-on workshop

- **12:00** Eddystone Beacons overview  
Build your own BLE Beacon based on Eddystone & RSL10 Development Board
- **12:45** BLE Mesh overview  
Example of a Mesh using RSL10 Development Boards
- **13:30** Conclusions and end of session



### DATE & VENUE

21<sup>st</sup> March 2019 – Madrid

Avnet Iberia S.A.U.  
Calle Chile,10, Edificio Madrid 92, oficina 130  
28290 Las Matas (Madrid)

### SEMINAR FEE

free of charge

### CONTACT

José Antonio González  
Phone: 91 3727 129  
Email: [JoseAntonio.Gonzalez@avnet.eu](mailto:JoseAntonio.Gonzalez@avnet.eu)