



# SEMINAR INVITATION

on April 10<sup>TH</sup>, 2024  
in Sønderborg

Partner:



**Interreg**



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**WÜRTH ELEKTRONIK** MORE THAN YOU EXPECT

# **INVITATION TO THE FREE EMC SEMINAR ON APRIL 10<sup>TH</sup>, 2024 IN SØNDERBORG**

Würth Elektronik Danmark A/S , Analog Device, Rohde & Schwarz Danmark A/S and SDU Universitet cordially invite you to the free EMC Seminar on April 10<sup>th</sup>, 2024 in Sønderborg.

The seminar was designed by engineers and technicians and is aimed at people who are interested in practice oriented content, to get support in the development of error free electronics and devices.

## **Main topics:**

- Würth Elektronik EMC Seminar
- Würth Elektronik Workshop
- Analog Devices EMI Seminar
- Analog Devices Workshop
- Rohde & Schwarz EMI Debugging Seminar
- Rohde & Schwarz Workshop
- Smart Power Conversion

You can find all details on the next page.

## **Seminar location:**

Syddansk Universitet  
Alsion 2  
6400 Sønderborg

**Syddansk Universitet, 10.04.2024 from 8:15 a.m. to 4:00 p.m.**

Please register by 27.03.2024 as the number of participants is limited. You can find the registration here: [www.we-online.com/seminar-registration](http://www.we-online.com/seminar-registration)

We would be pleased to welcome you to our seminar.

With kind regards

**Würth Elektronik Danmark A/S & Rohde & Schwarz Danmark A/S & Analog Devices & Smart Power Conversion SPC**

# **AGENDA FOR THE FREE EMC SEMINAR ON** **APRIL 10<sup>TH</sup>, 2024 IN SØNDERBORG**

08:15 – 08:45	Coffee and Registration
09:00 – 10:00	Analog Devices
10:00 – 10:30	Coffee Break and workshops
10:30 – 11:30	Würth Elektronik EMC Seminar
11:30 – 13:00	Lunch and workshops
13:00 – 14:00	Rohde & Schwarz
14:00 – 14:30	Coffee Break and workshops
14:30 – 15:30	Smart Power Conversion
15:30 – 16:00	Workshops

# DETAILS

**Würth Elektronik**

## **EMC Basics**

We will talk about what is EMC, Magnetic and material basics, Inductivities EMC solutions, Insertion loss, Capacitive EMC solutions, Filter Topologies, Shielding Material and Overvoltage protection.

**Würth Elektronik**

## **Workshops**

Demonstration of RedExpert tool to optimize selection of components for your application. EMC from Cable ferrite in EMC to final solution Optimize power inductors with parameters from your application Filter designer and live test of filters made using it

**SDU**

## **Introduction to SDUs Inhouse near field scanner and its applications**

We will present the possibilities of high spatial resolution near field scanning of electronics to analyze radiated and conducted emission patterns

**Analog Devices**

## **Seminar**

Board level EMI design practices. How to use LTpowerCAD to estimate switcher EMI performance

**Analog Devices**

## **Workshop**

Live demo of Silent Switcher 3 noise come hear the difference for yourself

**Rohde & Schwarz**

## **Rohde & Schwarz Seminar Seminar**

From Debugging to EMC Compliance From Debugging to EMC Compliance Which tool for which results Which tool for which results How to choose measurement equipment How to choose measurement equipment

**Rohde & Schwarz**

**Rohde & Schwarz Seminar Seminar**

See the products and try them. See the products and try them. Bring your own product or PCB and try to measure it product or PCB and try to measure it