

**WE MEET**

**@DIGITAL DAYS**



# TUESDAY

## 1<sup>ST</sup> DECEMBER 2020

Timezone **CET**

**8 AM: Board Level Shielding and handling Common-Mode noise in new high frequency technologies**

Speakers: **Ashiro Chen & Antonio Alcarria** | Duration: ca. 30 min + Q&A

**9 AM: Thermal simulation of power loss and heat distribution on PCBs for MagI<sup>3</sup>C Power Modules using RedExpert**

Speaker: **Martin Greubel** | Duration: ca. 30 min + Q&A

**10 AM: RF connectors: How to choose the suitable product based on frequency, losses, handling and costs**

Speaker: **Stephan Bächle** | Duration: ca. 30 min + Q&A

**11 AM: Electromechanic: Introduction of new products**

Speaker: **Götz Schattmann** | Duration: ca. 15 min + Q&A

**11:30 AM: Automotive: Introduction of new products**

Speaker: **Lorandt Fölkel** | Duration: ca. 15 min + Q&A

**1 PM: How cable & PCB ferrites can help to prevent EMC issues**

Speaker: **Lorandt Fölkel** | Duration: ca. 30 min + Q&A

**2 PM: How to select the suitable SMT Ferrites? Material, behavior and key parameters. Simulation with REDEXPERT providing a new dimension for selection**

Speaker: **Igor Rodriguez** | Duration: ca. 30 min + Q&A

**3 PM: How to select the suitable EMC cable ferrite according to parameters and application**

Speaker: **Igor Rodriguez** | Duration: ca. 30 min + Q&A

**4 PM: Does size really matter? – Design effects on crystal downsizing**

Speaker: **Sarah Moschuez** | Duration: ca. 30 min + Q&A

**5 PM: Frequency Products (Quartz & Oscillators): Introduction of new products**

Speaker: **Susanna Engel** | Duration: ca. 15 min + Q&A

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# WEDNESDAY

## 2<sup>ND</sup> DECEMBER 2020

Timezone **CET**

**8 AM: How Energy Harvesting can make your application autonomous: Basics, examples, applications**

Speaker: **Lorandt Fölkel** | Duration: ca. 30 min + Q&A

**9 AM: ZIF/LIF Interconnection – mechanical and electrical characteristics in Depth**

Speaker: **Fabian Altenbrunn** | Duration: ca. 30 min + Q&A

**10 AM: Single Pair Ethernet: Filter design considerations and Power over Data Line**

Speaker: **Martin Leihenseder** | Duration: ca. 30 min + Q&A

**11 AM: Passive Components: Introduction of new products**

Speaker: **Thomas Brander** | Duration: ca. 15 min + Q&A

**11:30 AM: Wireless Connectivity & Sensors: Introduction of new products**

Speaker: **Michael Lang** | Duration: ca. 15 min + Q&A

**1 PM: Sensors in the Change of Time From a Simple Sensor Cell to a Complex Sensor System**

Speaker: **Dr. Michael Brauer** | Duration: ca. 30 min + Q&A

**2 PM: Power Inductors – More than meets the eye. Details of power inductor key parameters and design in various power topologies and how REDEXPERT optimizes the selection**

Speaker: **Mohamed Al-Alami** | Duration: ca. 30 min + Q&A

**3 PM: Capacitors – Wish it was so simple. Ideal vs real and its impact on signal integrity, noise and EMI performance**

Speaker: **Mohamed Al-Alami** | Duration: ca. 30 min + Q&A

**4 PM: How to simplify your USB-C DC/DC project using ON Semi reference design**

Speaker: **Andrew, Yoo, ON Semiconductor** | Duration: ca. 30 min + Q&A

**5 PM: SiC Gate Driver Systems with WE-AGDT series**

Speaker: **Eleazar Falco** | Duration: ca. 30 min + Q&A

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# THURSDAY

## 3<sup>RD</sup> DECEMBER 2020

Timezone **CET**

**8 AM: Antenna matching. Small overview of the service and portfolio**

Speaker: **Jose Martos** | Duration: ca. 30 min + Q&A

**9 AM: Successful design of SMT spacers by choosing the right options**

Speaker: **Remco Van de Griendt** | Duration: ca. 30 min + Q&A

**10 AM: EMC Filters – From component to design**

Speakers: **Stefanie Birkenbach & Robert Hartung** | Duration: ca. 30 min + Q&A

**11 AM: Power Modules: Introduction of new products**

Speaker: **Eva Helmstetter** | Duration: ca. 15 min + Q&A

**11:30 AM: Optoelectronics: Introduction of new products**

Speaker: **Dr. Zhelio Andreev** | Duration: ca. 15 min + Q&A

**1 PM: Horticulture LEDs – high and low power application examples**

Speaker: **Dr. Zhelio Andreev** | Duration: ca. 30 min + Q&A

**2 PM: Shielding Options and solutions. What best fits your design**

Speaker: **Igor Rodriguez** | Duration: ca. 30 min + Q&A

**3 PM: DC/DC Input Filtering – Watch out, instability is about.**

**Design criteria and pitfalls of input LC filter for a DC/DC regulator**

Speaker: **Mohamed Al-Alami** | Duration: ca. 30 min + Q&A

**4 PM: Wireless Power Transfer enables IIoT – WE Cut the Cord!**

Speaker: **Cem Som** | Duration: ca. 30 min + Q&A

**5 PM: EMC- interference search and measures**

Speaker: **Lorandt Fölkel** | Duration: ca. 30 min + Q&A

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