

Online event

Oscilloscope Days 2022

▶ 27- 28 April 2022

ROHDE & SCHWARZ
Make ideas real



Together with our partners:



MEASUREMENT SOLUTIONS FOR DAY-TO-DAY TESTING CHALLENGES

It is common for electronics engineers to face challenges when trying to achieve their testing goals. During this two-day event, Rohde & Schwarz and its technology partners will deliver the latest updates on test fundamentals with online theoretical and practical sessions. Experts from each company will also highlight digital oscilloscope features and the ideal way to use these instruments for the most precise measurement results.

Languages: English, German, Spanish, French and Brazilian Portuguese.

27 April, 2022

| Time | Program |
|-------|---|
| 10:00 | Welcome and Keynote speech by Dr. Ernst Flemming, Rohde & Schwarz |
| 10:15 | Oscilloscope & Probing Fundamentals – Best practices for oscilloscope and probe selection In your daily work, you have to decide which probe and oscilloscope is suitable for your application to make the most accurate measurement. In this session, you will receive a short overview on what the best parameters are to consider when selecting your equipment, as well as tips on how to cross-check your on-screen measurement results. |
| 11:30 | <i>Break</i> |
| 14:00 | Which RF effects need to be considered in the measurement and design of wide-bandgap semiconductor-based power systems? With SiC and GaN based power electronic systems higher efficiencies are achievable. In this webinar, we will review how to select the right measurement equipment for the individual measurement task, how measurement automation can support your daily work as well as how filtering can ensure signal quality of the gate drivers and power quality of the output voltage. |
| 15:30 | <i>Wrap-up</i> |

28 April, 2022

| Time | Program |
|-------|---|
| 10:00 | Welcome and introduction |
| 10:05 | What Jitter separation could do for you? The need to integrate high-speed communication interfaces continuously increases, and more often common interfaces such as PCIe, USB or MIPI are providing allowed Jitter definitions in their specifications. This webinar will review fundamentals on Jitter analysis and give you an overview of separation benefits. |
| 11:30 | <i>Break</i> |
| 14:00 | EMC Fault Finding: Why is an oscilloscope a good choice? During the development cycle of any product, ensuring EMC conformance is a critical task. Finding and eliminating the root cause of EMI issues especially becomes a challenging task. In this webinar, we will discuss when and why using an EMI receiver, spectrum analyzer or oscilloscope will deliver the best insights to your DUT. In addition, we will demonstrate how the EMI debugging of a fly back converter benefits using an oscilloscope on a filter as well as a PCB level. |
| 15:30 | <i>Wrap-up</i> |