



Presentation title	Description	Presenter
<p>Leadership in EMC Opening Keynote</p>	<p>In this complex and ever-changing environment, leadership in EMC is more crucial than ever. It requires a deep understanding of the important relationships between electromagnetic compatibility, product development, and market demands. Join us for our opening keynote from Rohde & Schwarz as we set the stage for Demystifying EMC 2025 and the year ahead.</p>	<p>Michael Fischlein Vice President Spectrum & Network Analyzers, EMC and Antenna Test Equipment, Rohde & Schwarz</p>
<p>EMC Standards Update - IEC, CISPR</p>	<p>In this session, we will present the new IEC 61000-4-41 standard to test against broadband disturbances and provide you with the latest information on CISPR product standards for emission measurements focusing on CISPR 11 (ISM), CISPR 14-1 (Household appliances), CISPR 15 (Lighting) and CISPR 32 (Multimedia).</p>	<p>Dr. Ralf Heinrich Product Manager High Power, Rohde & Schwarz</p> <p>Jens Medler Product Manager Standardization and Application Support EMI Test Equipment, Rohde & Schwarz</p>
<p>Navigating EMC risk management for large safety critical medical devices</p>	<p>This presentation will provide a comprehensive overview of the manufacturer's perspective on risk-based EMC. It will explore the various factors that manufacturers need to consider in EMC risk assessment and management, including regulatory compliance, testing, standards compliance and training of globally distributed engineering teams.</p>	<p>Rob Kleihorst System Designer, EMC lead Image Guided Therapy – Systems, Philips Medical</p>
<p>Multifunctional Tool for EMC Labs</p>	<p>Join us to learn how the modern multifunctional Vector Network Analyzer is an easy-to-use instrument that adapts to different needs such as system installation, troubleshooting and calibration to deliver the maximum value of your EMC investment.</p>	<p>Nathan Reeve EMC Product Manager, Rohde & Schwarz</p>
<p>Workshop Part 1 - Emission testing Efficient emission testing with modern EMI test receivers</p>	<p>Discover how modern EMI test receivers can streamline your emission testing process, reducing test time and increasing productivity in this hands-on workshop.</p>	<p>Tobias Gross Product Manager for EMI Test Receivers</p>
<p>EMC Testing for Medical Devices: A Case Study</p>	<p>Radiated emissions requirements applicable to medical devices can be difficult to navigate.</p>	<p>Andrew Block</p>







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	<p>This presentation will review these requirements, focusing on device operating modes and configurations for radiated emissions testing using a case study.</p>	<p>Principal Compliance Engineer – EMC, Stryker Medical</p>
<p>Keynote - New trends in automotive EMC testing</p>	<p>This DEMC keynote will describe current international standards in the automotive EMC area. New trends on emission and immunity testing requirements will be shared.</p>	<p>Zhang Xu Platform Director, CATARC, China</p>
<p>Challenges for emission measurements in the modern automotive industry</p>	<p>Are you developing the future “driving electrified smartphone” at vehicle or component level? Join us to take a closer look at EMC test challenges facing the modern automotive industry and understand how we can overcome them with wideband FFT measurement capabilities.</p>	<p>Patrick Mayer Product Manager EMI Receiver, Rohde & Schwarz</p>
<p>Mission critical EMC measurements in space and military applications</p>	<p>The proximity of the receiver noise floor to the emission limit has an impact on measurement results. Most EMC standards such as MIL-STD-461 require at least a 6 dB margin between the system noise floor and the emission limit. Our experts will discuss this test challenge and offer a solution to enable mission critical emission measurements for space and military applications.</p>	<p>María Jiménez Lorenzo EMC Test Engineer & EMC Notified Body Responsible</p> <p>Jens Medler Product Manager Standardization and Application Support EMI Test Equipment, Rohde & Schwarz</p>
<p>Staying compliant: the EMC engineer's guide to equipment with radio functionality</p>	<p>How do you ensure compliance for products with integrated (wireless) radio modules? In this session, our experts will take a deep dive into the ETSI standards to explore the relationship between radiated emissions and radiated spurious emissions and share test solutions for both.</p>	<p>Feng Xie Market Segment Manager Wireless Communications, Rohde & Schwarz</p> <p>Juergen Kausche Product Manager EMC Test Systems and Projects, Rohde & Schwarz</p> <p>Michael Derby Technical Director for Regulatory Approvals, Element</p>
<p>Workshop Part 2 - Immunity testing A practical approach to BCI (Bulk Current Injection) testing</p>	<p>This workshop demo will show you how to calculate and achieve test levels using a BCI (Bulk Current Injection) system to test conducted immunity per the IEC 61000-4-6 test standard.</p>	<p>Sean Lynch National EMC Applications Engineer, Rohde & Schwarz</p>







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Fundamentals of conducted immunity testing per MIL-STD-461	This presentation offers all EMC experts an insight into the test and calibration requirements for conducted immunity tests (CS115 and CS116) and ESD (CS118) per MIL-STD-461G for defense and space applications.	Imad Qaddi International Sales Manager and Product Manager







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<p>Michael Fischlein</p> <p>Vice President Spectrum & Network Analyzers, EMC and Antenna Test Equipment, Rohde & Schwarz</p>	<p>Michael Fischlein is Vice President Spectrum & Network Analyzers, EMC and Antenna Test Equipment at Rohde & Schwarz. Previously, he served as Senior Director Network and Economy Analyzers, leading the research and development team. From 2000 until 2018 he held various positions in test and measurement at Rohde & Schwarz, initially in analog design of RF frontends, followed by a role as project leader for several economy products.</p>	
<p>Dr. Ralf Heinrich</p> <p>Product Manager High Power, Rohde & Schwarz</p>	<p>Dr. Ralf Heinrich is product manager for RF power amplifiers at Rohde & Schwarz. He graduated from the Technical University of Berlin in RF engineering. After his PhD and research and development projects in USA, Australia and Sweden he joined Ametek (formerly Teseq). In his position as Head of RF development he was responsible for the strategic product development of the RF product line with special focus on EMC test and measurement devices and systems.</p> <p>Dr. Heinrich is an active member of several international IEC and national DKE working groups in the field of radiated and conducted immunity for more than 20 years. In recognition of his technical contributions with respect to basic EMC immunity standards on radio-frequency fields he was awarded the IEC 1906 award.</p>	
<p>Jens Medler</p> <p>Product Manager Standardization and Application Support EMI Test Equipment, Rohde & Schwarz</p>	<p>Jens Medler joined Rohde & Schwarz, Munich, Germany, a company specializing in test equipment and radio equipment in 1996. He is responsible for the standardization and application support for the companies EMC test equipment and is active member of various CISPR Subcommittees since 1999. He also holds a Senior membership in the IEEE EMC Society and is acting vice chair of the societies Standards Development and Education Committee. He is recipient of the IEC 1906 Award and the IEEE EMCS Technical Achievement Award 2024.</p>	
<p>Rob Kleihorst</p> <p>System Designer, EMC lead Image Guided Therapy - Systems, Philips Medical</p>	<p>Rob Kleihorst is an accomplished engineer, researcher, and author in the field of Electromagnetic Compatibility (EMC). He is a recognized expert in EMC, having worked in the field for over 37 years. He is a frequent speaker at technical conferences. Rob is known for his in-depth knowledge of system engineering, testing, standards, and regulatory compliance requirements for EMC. Rob currently serves as EMC architect at Philips Medical Systems Netherlands B.V. in the Image Guided Therapy Systems (IGT-S) business unit, where he is responsible for the business units' strategy, development efforts, and product compliance in EMC.</p>	





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<p>Nathan Reeve EMC Product Manager, Rohde & Schwarz</p>	<p>Nathan Reeve is a seasoned EMC professional with over 12 years of experience, rooted in electrical engineering. He excelled in Test Labs for over 8 years, ensuring compliance with Commercial, Automotive, Aerospace & Defence standards. Nathan then transitioned to a role focused on managing test equipment and providing expert advice to EMC customers, where he gained valuable experience. Prior to joining Rohde & Schwarz in 2023, he specialized in EMC Product Validation, with a focus on automotive steering systems. With a decade of industry experience, Nathan brings valuable knowledge and expertise to his role at Rohde & Schwarz.</p>	
<p>Tobias Gross Product Manager for EMI Test Receivers</p>	<p>Tobias Groß joined Rohde & Schwarz in 2018 as a product manager for EMI Test Receivers with a focus on compliance testing. Before, he gathered experiences in wireless and wired communication and their optimization as well as test and measurement of various communication related technologies. He studied in Berlin, Germany and Waterloo, Canada and gained experiences both in industry and research institutes.</p>	
<p>Andrew Block Principal Compliance Engineer – EMC, Stryker Medical</p>	<p>Andrew Block is currently a Principal Compliance Engineer – EMC at Stryker Medical. Andrew has 11 years of experience in medical devices, focusing on EMC compliance. He has led multiple EMC compliance programs from concept through launch on a variety of different types of medical devices. He has a passion for working with product teams to ensure good EMC design practices are considered early during product development. Andrew also supports internal test programs, laboratory equipment maintenance, and day to day operations of an EMC test laboratory. Andrew also has a background in design, product safety, and RF compliance.</p>	
<p>Zhang Xu Platform Director, CATARC, China</p>	<p>Mr. Xu has expertise in several automotive EMC working groups - IEC/CISPR/D, ISO/TC22/SC32, UN Regulation 10. He also leads several Chinese GB/T standards and two ISO projects.</p>	



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<p>Patrick Mayer</p> <p>Product Manager EMI Receiver, Rohde & Schwarz</p>	<p>Patrick Mayer is a Product Manager for EMI Receivers at Rohde & Schwarz. He has 21 years of experience in the field of EMC. He worked as a Test Engineer in EMC Laboratories and was responsible for EMC testing in R&D Departments for Industrial, IT, Railway, Military and Automotive projects. Before he joined Rohde & Schwarz, he was responsible for EMC of HV-Components at an OEM and worked in the Automotive Industry for 8 years. He was also a Member of the DKE Standardization committee for IEC 61851-21-1/-2.</p>	
<p>María Jiménez Lorenzo</p> <p>EMC Test Engineer & EMC Notified Body Responsible</p>	<p>María Jiménez with a bachelor in Telecommunication Engineering has been working in the field of Electromagnetic Compatibility since 1997 in several organizations. She joined INTA (National Institute for Aerospace Technology, Spain) in 2007 as EMC Test Engineer, performing EMC trials and developing and improving measurement procedures for military, industrial, civilian and aerospace areas. Since 2022 she is the technical responsible of the INTA Notified Body (NB1866) for the 2014/30/EU EMC Directive. She is a member of different standardization groups at national and international level.</p>	
<p>Feng Xie</p> <p>Market Segment Manager Wireless Communications, Rohde & Schwarz</p>	<p>Mr. Xie has over 20 years working experience at Rohde & Schwarz. As Market segment manager, he focuses on trends of the wireless communication technologies, global regulatory test requirements and test & measurement techniques for these standards. Mr. Xie previously worked as R&D engineer and application manager. He holds several international patents in the wireless communication test & measurement area.</p>	
<p>Juergen Kausche</p> <p>Product Manager EMC Test Systems and Projects, Rohde & Schwarz</p>	<p>Mr. Kausche is a Product manager for EMC and RF systems at Rohde & Schwarz with a special focus on radiated wireless measurements including EMF, EMC, Radiated Spurious Emissions (RSE). From 2006-2020, he was a Member of the German EMF standardization working group DKE. Prior to this, Juergen also supported design and development of the specialized broadband antenna and turnkey antenna system.</p>	



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<p>Michael Derby</p> <p>Technical Director for Regulatory Approvals, Element</p>	<p>Michael Derby is an active TCB Council Board of Directors, contributing time to create guidance documents, chair committee groups, and help drive progress in our industry. He is an expert for the TCBC Basic Training on-demand. In addition to being a TCB, he is also an RED Notified Body and a UK Approved Body. He provides technical leadership and support to Element's laboratories, certification teams and customers.</p>	
<p>Sean Lynch</p> <p>National EMC Applications Engineer, Rohde & Schwarz</p>	<p>Sean Lynch is a national EMC Application Engineer for R&S, where he directly supports all EMC system design solutions as well as R&S test automation software packages such as ELEKTRA & AdvISE. Previously, he was an EMC Engineer for a commercial lighting and controls company where he tested products and implemented EMC solutions for products across the world-wide market. In his spare time, he enjoys long bike rides, long-distance running, and playing golf!</p>	
<p>Imad Qaddi</p> <p>International Sales Manager and Product Manager</p>	<p>Imad Qaddi, currently working as International Sales Manager and Product Manager responsible for the immunity test systems at EMC PARTNER AG in Laufen, Switzerland, holds a diploma in electrotechnology and communication engineering from the university of Wuppertal, Germany as well as a master's degree in Innovation and Product Management from university of Dornbirn in Austria. He has more than 17 years of experience in the field of Electromagnetic Compatibility as EMC Laboratory Manager working for well-known companies in Germany and Switzerland. His experience also includes the preparation and presentation of technical seminar material. He has been also invited as a speaker to international seminars on EMC. With over 30 years of experience in the field of impulse technology, EMC PARTNER AG is recognized as a leading manufacturer of indirect lightning, component, insulation and immunity test generators for an international customer base.</p>	