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# DRIVING INNOVATION, SOVEREIGNTY, AND SCALABLE SPACE SYSTEMS FOR A CONNECTED TOMORROW

## Satellite Industry Days 2026

June 16 to 17, 2026
Conference Agenda

SATELLITE INDUSTRY DAYS

## Day 1 - Sovereignty and Security in Space

| CET | June 16th 2026 – Presentations |
|---|---|
| 09:00 – 09:30 | **Arrival and registration at Rohde&Schwarz Training Center** |
| 09:30 – 10:00 | **Welcome keynote talk and introduction: When Satellites Fall Silent - Security and Sovereignty in Space**<br>**Dr. Thomas Bohne - Rohde&Schwarz** |
| 10:00 – 10:30 | **Resilient communications from space**<br>**Frank Zeppenfeldt - European Space Agency (ESA)**<br>The European Space Agency has planned several activities in the domain of resilient communications for governmental purposes, including those related to Direct-to-Device (D2D) communications. ESA plans to initiate a number of in-orbit demonstrations which will support future resilient satellite communication services. |
| 10:30 – 11:00 | **Space-Based RF Monitoring: Redefining Signal Detection and Analysis from Orbit**<br>**Dr. Alexander Schmidt - ORBiNT**<br>ORBiNT, a spin-off from the University of the Bundeswehr Munich, is at the forefront of developing advanced space-based RF monitoring systems for wide-area, near real-time signal detection and analysis. This presentation dives deep into how distributed satellite constellations enable scalable, high-resolution, and low-latency RF sensing across vast and remote geographic regions. |
| **11:00 – 11:30** | **Networking coffee break / Talk to an expert** |
| 11:30 – 12:00 | **From Spectrum to Insights - Solutions for LEO satellite networks**<br>**Pia Feurstein, Gunnar Zigan - Rohde&Schwarz**<br>As LEO constellations are rapidly expanding and the spectrum becomes increasingly crowded, regulators require real-time, workflow-integrated monitoring solutions to understand LEO signal activity and interference. This presentation surveys emerging LEO technologies and sketches a high-level framework for broadband sensing, downlink classification, and interference detection, emphasizing the unique challenges that set LEO apart from GEO and MEO systems. |
| 12:00 – 12:30 | **Boosting LEO and GEO Satellite ROI with Deep Packet Inspection: Smarter Bandwidth, and enablement of End-to-End Security**<br>**Vincent Frank - ipoque**<br>Embedding Deep Packet Inspection (DPI) technology lets satellite operators see and shape every flow on LEO and GEO links, turning scarce spectrum into high-value, revenue-generating traffic. That same deep-packet intelligence enables real-time policy enforcement while blocking abuse, delivering a secure, carrier-grade experience to every satellite-connected user. |
| 12:30 – 13:00 | **Cloud-Native Ground Segment Orchestration: providing at scale fully managed Communications Service**<br>**Lucie Liversain - Skynopy**<br>As we're all seeing, space systems are scaling fast — with larger constellations and more complex missions, the traditional ground segment model is starting to break down.<br>At Skynopy, we've been exploring a different approach: applying cloud-native principles and orchestration to turn ground operations into flexible, software-defined platforms.<br>Of course, this shift also comes with important challenges, especially around security and sovereignty — and that's a key part of what we're working to address. |

| CET | June 16th 2026 – Presentations |
|---|---|
| **13:00 – 14:00** | **Networking lunch & demonstrations** |
| 14:00 – 14:30 | **OCUDU for NTN: A Sovereign Open-Source RAN for European SatCom**<br>**Dr. Piotr Gawłowicz - SRS**<br>OCUDU, a Linux Foundation initiative, provides a fully open-source, carrier-grade 5G RAN stack that is open, interoperable, and designed to serve as a production-ready platform for terrestrial and satellite-based Non-Terrestrial Networks (NTN), as well as a foundation for future 6G systems. By fostering a collaborative open-source ecosystem for RAN infrastructure, OCUDU aims to reduce vendor lock-in, accelerate innovation, and enable sovereign and resilient communications infrastructure for governments, operators, and industry. This talk will discuss how OCUDU, often described as the "Linux of RAN," can strengthen European technological sovereignty and strategic autonomy through transparent, secure, interoperable, and vendor-neutral RAN architectures. |
| 14:30 – 15:00 | **Detecting GNSS Jamming and Spoofing in Real-World Environments**<br>**Fabian Greif - Rohde&Schwarz**<br>Satellite-based navigation systems operate in increasingly complex and unpredictable real-world radio-frequency environments, where signal disturbances are often dynamic, ambiguous, and difficult to classify. In such conditions, interference is no longer a rare anomaly but part of the operational reality, making it challenging to distinguish between benign effects and deliberate manipulation. As a result, maintaining confidence in positioning and timing data requires robust detection directly in the field. This presentation focuses on practical approaches for identifying GNSS interference directly in operational scenarios. We will discuss key characteristics of jamming and spoofing signals, highlight detection principles based on signal monitoring, consistency checks, and multi-sensor validation, and illustrate how these methods can be implemented in dedicated detection systems. The talk aims to bridge the gap between controlled testing and real-world deployment by demonstrating how GNSS threats can be reliably detected and assessed in dynamic environments. |
| **15:00 – 15:30** | **Networking coffee break / Talk to an expert** |
| 15:30 – 16:00 | **Panel discussion and Q&A: Space-based RF monitoring**<br>**Bill Haraka (Rohde&Schwarz), Simon Heine (ORBiNT), Lucie Liversain (Skynopy),**<br>**Rob Short (Rohde&Schwarz), Frank Zeppenfeldt (ESA)**<br>Geopolitical change and the rapid expansion of low Earth orbit constellations are reinforcing the need for sovereign and resilient European space-based radio-frequency monitoring. This executive-level panel brings together European institutes and the space industry to discuss how stronger collaboration and shared capabilities can accelerate delivery, ensure operational continuity, and strengthen Europe's resilience in next-generation space-based RF sensing. |
| 16:00 – 16:30 | **Bringing Satellite D2D to Europe**<br>**Guillaume Lebrun - Satellite Connect Europe**<br>In this presentation we will share Satellite Connect Europe's vision of EU D2D services, update participants on the EU D2D regulatory process, and explain how spectrum monitoring devices will help coordination between MNOs. |
| 16:30 – 17:00 | **Enabling Scalable and Efficient RF Monitoring Through DIFI and Modern RF Architectures**<br>**Martin Münchow - Rohde& Schwarz**<br>Operating a proprietary ground station network for satellite constellation monitoring is fraught with scalability and efficiency hurdles. This session identifies the most common pain points in current RF monitoring setups and demonstrates how the DIFI standard and modern RF architectures provide a scalable, future-proof solution for today's space operators. |
| 17:00 – 17:30 | **Wrap-up & Q&A round** |
| **17:30 – 20:00** | **Networking Dinner at Rohde&Schwarz** |

## Day 2 - Testing for newspace

| CET | June 17th 2026 – Presentations |
|---|---|
| 09:00 – 09:30 | **Arrival and registration at Rohde&Schwarz Training Center** |
| 09:30 – 10:00 | **Welcome keynote talk and introduction:**<br>**From earth to orbit: Powering today's innovations for a connected tomorrow**<br>**Christina Gessner - Rohde&Schwarz** |
| 10:00 – 10:30 | **From Prototype to Constellation: Scaling Satellite Manufacturing with DFMAIT**<br>**Jeremy Perrin - Connektica**<br>The traditional space V-cycle separated prototype qualification from production acceptance. With the rise of LEO satellite constellations, manufacturers are shifting toward iterative design, hardware-in-the-loop validation, and continuous test-driven development. This DFMAIT paradigm requires tighter alignment and tools between engineering agility and production constraints. This presentation explores how engaging customers early during the prototype phase helps shape future production flows, refine requirements, and gain strategic insight into evolving RF test architectures and instrumentation needs required to scale satellite manufacturing. |
| 10:30 – 11:00 | **Accelerating Satellite Payload Readiness with ATE Solutions**<br>**Leander Humbert, Marwin Coutinho - Rohde&Schwarz**<br>This presentation introduces the R&S TS6710 from Rohde&Schwarz as a high-performance turnkey solution for satellite transmit/receive module (TRM) testing. It supports precise RF characterization across wide frequency ranges, enabling validation of gain, phase, noise figure, and linearity under high-power and realistic operating conditions. The system integrates COTS switching matrices, digital device integration, scalable multi-channel architectures and automated calibration routines to improve throughput and repeatability especially in TVAC chambers. Designed for characterization/verification, environmental testing in production and R&D environments, it ensures reliable validation of active phased array components used in modern satellite systems, while reducing overall test time and operational complexity. |

| CET | June 17th 2026 – Presentations |
|---|---|
| **11:00 – 11:30** | **Networking coffee break / Talk to an expert** |
| 11:30 – 12:00 | **Virtual Ground - what people think it is vs. what it really is**<br>**Jörg Rockstroh - WORK Microwave**<br>Ground Segment Virtualization is on everybody's mind right now. It sounds like the engineering dream of ultimate flexibility. Yet, while connectivity speed and processing power are vast, they are not endless. It might still matter where and how a signal is processed. The presentation gives an insight in practical considerations of virtualized Satcom infrastructures and how that should be reflected in system design and requirements definition. The necessary step to go beyond analog thinking on the system level will show the way forward to practical operations. |
| 12:00 – 12:30 | **Managing complexity in satellite electronics validation**<br>**Dr. Michael Hahn - Airbus Defence and Space GmbH**<br>Dr. Michael Hahn will discuss the increasing challenges of validating satellite electronics. As the performance of components continues to rise, the performance gap between test equipment and the DeviceUnderTest narrows, pushing conventional measurement systems to their limits. At the same time, flexible customer requirements call for adaptive, scalable test and validation strategies. The presentation demonstrates how embedding validation and test strategies early in the design process—augmented by artificial intelligence—can reduce complexity and improve test efficiency. Real-world examples from current Airbus programs illustrate how AI-driven optimisation of test plans, fault modelling, and resource allocation makes a decisive contribution to closing the growing performance gap. |
| 12:30 – 13:00 | **Panel discussion and Q&A: Which AESA capabilities generate measurable added value in real mission and network operations?**<br>**Dr. Matteo Berioli (Augusta Space), Prof. Andreas Knopp (Bundeswehr Universität München), Dr. Klaus Michel (Airbus), Maik Reckeweg (Rohde&Schwarz), Prof. Georg Strauß (Hochschule München), Dr. Yvonne Weitsch (Rohde&Schwarz)**<br>As Europe advances its ambitions for sovereign and resilient space-based communication systems, scalable AESA technologies are becoming central to enabling secure, flexible and high-performance SATCOM networks. This panel explores the challenges and opportunities of bringing AESA TX/RX systems from high-performance prototypes to large-scale deployment across diverse mission profiles. Experts from industry, research and system integration will discuss validation strategies, industrialization barriers, and the evolving role of adaptive beamforming in supporting secure, multi-orbit communication infrastructures and future European programs. |
| **13:00 – 14:00** | **Networking lunch & demonstrations** |
| 14:00 – 14:30 | **5G NTN takes flight: A Deep Dive into NR-NTN Technology, Testing Aspects, and the Road to 6G**<br>**Reiner Stuhlfauth - Rohde&Schwarz**<br>5G-NTN does not offer connectivity services over satellite for wider coverage but also support the evolution to resilient networks. As the saying "the devil is in the details", a plethora of technology enhancements are needed to provide successful NTN connectivity services. This presentation will provide a deep dive into NTN technology's evolution like transparent or regenerative payload architecture, enhanced mobility scenarios up to multi-connectivity, NTN physical layer challenges, protocol and signaling details as well as testing and measurement aspects for future 6G unified networks. |
| 14:30 – 15:00 | **5G NTN at the tipping point - Moving from demonstrations to commercial deployment.**<br>**Marco Guadalupi - (Sateliot), Tomas Roenberg - (Gatehouse Satcom)**<br>This joint presentation highlights the transition of 5G NTN NB-IoT from early prototyping to commercial readiness. Sateliot, Nordic Semiconductor, and Gatehouse Satcom share their end-to-end journey combining a LEO satellite network, cellular IoT silicon and modules, and 3GPP-compliant NTN base-station software. The session focuses on testing, iteration cycles, and key milestones enabling scalable, low-power, and affordable satellite-enabled IoT for industrial and critical applications. |
| **15:00 – 15:30** | **Networking coffee break / Talk to an expert** |
| 15:30 – 16:00 | **Panel discussion and Q&A: How 5G NTN paves the road to resilient SatCom?**<br>**Marco Guadalupi (Sateliot), Stefan Maier (Rohde&Schwarz), Sahana Raghunandan (Fraunhofer IIS), Tomas Roenberg (Gatehouse Satcom), Reiner Stuhlfauth (Rohde&Schwarz)**<br>Beside the obvious coverage improvement by NTN, another buzzword motivating for satellite communications is "resilience". It allows to enable connectivity between devices on a terrestrial region without the specific need of any infrastructure in that region. Nevertheless there are still some drawbacks that need to be considered in the future evolution towards 6G-NTN. This panel discussion will elaborate views on the NTN architecture aspects like transparent, regenerative or disaggregated regenerative (e.g. CU-DU split option) payload. Rel. 20 started a study item for GNSS-free operation as today NTN relies on the knowledge of the UEs position to pre-compensate Doppler shift or time delay. In a wider context we aim at a discussion on our understanding of what resilience mean to NTN and in a brief description we focus on collecting ideas and technology gaps that need to be tackled by standardization groups to incorporate resilience in future NTN systems. |
| 16:00 – 16:30 | **In-field performance testing of Non-Terrestrial Networks**<br>**Arnd Sibila - Rohde&Schwarz**<br>This presentation explores the complexities of satellite communication – from current technologies to emerging trends. It investigates the applicability of standardized testing methods to Non-Terrestrial Networks (NTN), detailing what can be tested today and outlining the future of NTN testing. |
| 16:30 – 17:00 | **From Interference to Intelligence: EMC and TEMPEST Testing for Next-Generation Satellites**<br>**Patrick Mayer - Rohde&Schwarz**<br>The New Space era is redefining EMC requirements for satellite systems. Increasing integration, higher frequencies, and complex RF-digital interactions make self-interference a critical challenge. At the same time, electromagnetic security concerns such as information leakage and resilience against jamming are gaining importance. This presentation outlines modern testing approaches, combining system-level EMC strategies to enable reliable, secure, and high-performance next-generation satellites. |
| 17:00 – 17:15 | **Wrap-up & Q&A round** |

### Dr. Matteo Berioli, CEO - Augusta Space

Dr. Berioli has been doing innovative research and strategic business development for over 25 years on various aspects of satellite communications, first at the German Aerospace Center (DLR) and then at Safran Passenger Innovations (today RAVE Aerospace). He has served as a broadband satcom expert for the European Telecommunications Standards Institute (ETSI) and has contributed to multiple startups and high-tech ventures. In 2024, he founded Augusta Space to close Europe's phased-array technology gap and bring next-generation antenna solutions to market. Today, Augusta Space focuses on developing interlaced TX-RX arrays that reduce the antenna footprint without compromising performance, power consumption, or cost, with the goal to set a new benchmark for satcom antenna design.

### Dr. Thomas Bohne, Vice President SigInt/EW - Rohde&Schwarz

Dr.-Ing. Thomas Bohne is Vice President at Rohde&Schwarz leading all space activities in the Division Technology Systems, covering Communications and Intelligence. Before joining Rohde&Schwarz, he spent eight years at Boston Consulting Group, advancing to Managing Director and Partner, and previously served 15 years as an officer in the German Armed Forces. He holds a diploma and a doctorate in engineering in computer science.

### Marwin Coutinho, Director Applications & RF Systems - Rohde&Schwarz India

Marwin Coutinho is with Rohde&Schwarz India since 2006 after doing his Bachelor of Engineering from Mumbai University. He is product expert in vector network analyzers, Rohde&Schwarz digital control platforms, wireless chipset integration and customized end-to-end RF solutions. He is an accomplished trainer having successively outperformed in the Rohde&Schwarz qualification programs & is a core member of various initiatives at Rohde&Schwarz. In his current profile he leads an expert team responsible for development and integration of RF Automated Test Systems for SAR TRMs and Satcom subsystems.

### Pia Feurstein, Technical Sales Manager SI - Rohde&Schwarz

Pia Feurstein is Technical Sales Manager for Satellite Intelligence at Rohde&Schwarz, specializing in satellite communications. She leverages experience across the satellite technology landscape, from supporting innovative development programmes to securing key government contracts for satellite-data based solutions – to enable reliable and secure satellite communications for critical operations.

### Vincent Frank, Regional Sales Manager - ipoque

Vincent is a Regional Sales Manager at ipoque – a Rohde&Schwarz company, covering the entirety of Ipoque's product portfolio. He formerly served with the German Armed Forces and in different capacities within the defense tech industry.

### Dr. Piotr Gawłowicz, 5G NTN Senior Engineer - SRS

Piotr Gawłowicz is a 5G NTN Senior Engineer specializing in wireless protocol design and development across the RF, PHY, and MAC layers for both terrestrial and satellite communication systems. He directly supported the world's first Direct-to-Cell (D2C) phone call and actively develops RAN software for 5G and future-generation Non-Terrestrial Network (NTN) satellite applications. His expertise spans protocol implementation, system optimization, and performance tuning for next-generation mobile networks operating beyond traditional terrestrial coverage. Piotr received his Ph.D. in Wireless Communications from the Technical University of Berlin and previously conducted research within the TKN group on national and European wireless networking projects. He also collaborated with Panasonic R&D and Nokia R&D on future mobile network technologies. Since 2022, he has been a Senior Engineer at Software Radio Systems (SRS), working on LTE/5G NTN direct-to-cell and O-RAN RIC projects.

### Christina Gessner, Executive Vice President Test & Measurement - Rohde&Schwarz

Christina Gessner is Executive Vice President of the Test & Measurement Division at Rohde&Schwarz and member of the company's Corporate Management team. Christina's journey with Rohde&Schwarz began in 2004 as a technology manager. By 2011, she was leading Product Management for Spectrum and Network Analyzers and took over the role of Vice President of Spectrum & Network Analyzers, EMC and Antenna Test Equipment in 2018. In 2023, she moved to her current role. Christina started her career at Siemens mobile communications, representing the company as a delegate to the 3GPP standardization process for UMTS and GSM/EDGE from 1998 to 2004.
She holds a degree in RF engineering from the University of Hannover, Germany.

### Fabian Greif, Product Manager Systems MRA - Rohde&Schwarz

Fabian Greif is a Product Manager at Rohde&Schwarz specializing in mobile network analysis solutions for governmental and security-critical environments. His work focuses on developing and deploying technologies used by public authorities, law enforcement, and defense organizations to monitor, analyze, and secure wireless and cellular networks. With a background in computer science and intelligent systems, he holds a Master of Science in Robotics, Cognition, Intelligence from the Technical University of Munich. In addition to his civilian role, he serves as a reserve officer in the Austrian Armed Forces, where he contributes as a technical expert and advisor.

### Marco Guadalupi, Chief Technical Officer - Sateliot

Marco Guadalupi, Telecommunications Engineer from the University of Bologna and CTO at Sateliot, has over 20 years of experience in broadband and satellite telecommunications. He leads the technical development of Sateliot's 5G IoT space architecture. Guadalupi oversees the Tritó satellite generation and the 5G Satellite Development Center in Barcelona, and contributes to 3GPP standards for non-terrestrial networks. He represents Sateliot in the ESA NTN Forum and GSMA 5G IoT and NTN groups.

### Dr. Michael Hahn, Senior Expert Digital Electronics - Airbus Defence and Space GmbH

Dr. Michael Hahn has 30 years of experience in space electronics at Airbus Defence & Space. Starting as a system engineer, he led the development of flight computers for international telecommunications and Earth observation programs. From 2001, he headed national and multinational teams, emphasizing product standardisation and integration of diverse development methodologies. Since 2020, as Senior Expert for Digital Electronics, he drives product development, validation, fault analysis, and AI assisted test strategies.

### Bill Haraka, Head of Business Development Space - Rohde & Schwarz

Bill Haraka has 20 years leading global space programs. He joined Rohde & Schwarz in 2024 as Solution Manager Space, later becoming Market Development Manager and, from 2026, Head of Space and Market Development & Sales. From 2018 to 2024 he was VP and Head of Defence at Robin Radar Systems, growing revenue to €100 million and completing an exit. Earlier he founded TEC IB and held roles at the Thales NL, KPN. He earned an EE MSc (TU Delft) and a BSc in Telecommunications (The Hague).

### Simon Heine, Co-Founder - ORBiNT

Simon Heine is Co-Founder of ORBiNT, a Munich-based NewSpace startup developing space-based signal intelligence (SIGINT) systems. ORBiNT leverages distributed satellite networks to detect, identify, and geolocate electromagnetic signals worldwide, enabling near real-time situational awareness for security-critical applications. He was a research fellow and doctoral candidate at the Munich Center of Space Communications, focusing on satellite IoT systems, mega-constellations, and non-terrestrial communication architectures. Simon studied Electrical Engineering at the Technical University of Munich.

### Leander Humbert, Technical Solution Manager - Rohde & Schwarz

Leander Humbert is a Technical Solution Manager at Rohde & Schwarz. He completed his master's degree in electrical engineering in 2004 at the Helmut Schmidt University in Hamburg. Between 2004 and 2011, he worked as a system engineer for electronic warfare systems at the German Air Force. From 2012 to 2016, he was a technical counselor for missile and air defense related sensor systems at IABG. At Rohde & Schwarz, he deals with all test and measurement aspects and requirements of current and future radar sensors.

### Prof. Andreas Knopp - Bundeswehr Universität

Dr.-Ing. Andreas Knopp is a Full Professor of Satellite Communications and holds the Chair of Signal Processing at the University of Bundeswehr Munich. He brings over two decades of combined academic and industrial experience in satellite communications, spanning system architecture design, signal processing, and secure satellite networking. He is Chairman of the SPACE Research Center (one of Germany's largest interdisciplinary space technology centres) and Principal Investigator of the €70 million SeRANIS satellite mission funded by dtec.bw. As a Senior Member of the IEEE and member of the DLR Senate since 2023, he has played a key role in national programs.

### Guillaume Lebrun, Head of Regulatory Affairs - Satellite Connect Europe

Over the past 20+ years, Guillaume has been promoting mobile innovation to Europe. In his role of head of regulatory affairs at Satellite Connect Europe, Guillaume is working to empower European Mobile Network Operators to offer Direct-to-Device mobile broadband connectivity to their customers, wherever they are.

### Lucie Liversain, Chief of Staff - Skynopy

Lucie Liversain is Chief of Staff at Skynopy, a Paris-based NewSpace startup building the next generation of ground station infrastructure for LEO satellites. She leads finance, ops, and institutional BD — spanning ESA, EU, and agencies across Europe. Before Skynopy, she worked across the downstream segment and defence tech ecosystem, including time embedded at Preligens, a pioneer in AI-powered satellite image analysis. Founded in 2023 by two former Loft Orbital executives, Skynopy operates a global network of 35+ ground stations and counts Airbus Defence & Space among its clients, supporting Pléiades Neo operations. The company is currently integrating Eutelsat OneWeb's ground segment to enable near-real-time Earth observation by 2028.

### Patrick Mayer, Product Manager EMI & TEMPEST Receiver - Rohde&Schwarz

Patrick Mayer is a Product Manager for EMI & TEMPEST receivers at Rohde&Schwarz and has more than 22 years of experience in the field of electromagnetic compatibility. He has worked in EMC labs and industrial development, bringing in extensive expertise from various industries, especially the automotive industry. He was also active in international standardization work in the field of electromobility.

### Dr. Klaus Michel, Managing Director - Airbus Defence and Space GmbH

Dr. Klaus Michel has been Managing Director of Airbus Defence and Space GmbH since May 2026. In 2019, he moved to Airbus, previously held various positions in the company and was responsible for the telecommunications business of the space division in Germany. Prior to joining Airbus, he held management positions at the German satellite equipment manufacturers Tesat-Spacecom and Jena-Optronik. He completed a degree in electrical engineering at the University of Rostock, where he also received his doctorate in engineering.

### Martin Münchow, Product Manager - Rohde&Schwarz

Martin brings more than two decades of experience to the industry. He began his career as a technical trainer, overseeing education programs for both customers and sales teams. Today, he serves as the Product Manager for a cutting-edge software solution and a satellite receiver. If you'd like to discuss your future vision for satellite receivers, just swing by for a coffee—Martin would love to hear your ideas

### Jeremy Perrin, CEO and Co-Founder - Connektica

Jeremy Perrin is the CEO and Co-Founder of Connektica, a company developing software to digitize and automate manufacturing and RF testing workflows for the aerospace and defense industries. With a background in RF engineering, he previously led the automation of production and certification for over 18,000 antennas for the OneWeb constellation at MDA Space. His work spans from prototyping testing to AIT plan definition and end-to-end solution deployment to optimize satellite manufacturing cost and lead time.

### Sahana Raghunandan, Head of the Wireless Systems & Standardization Department - Fraunhofer IIS

She leads technical strategy focused on innovation and technology transfer. Since joining in 2019, she has served as technical lead on multiple research initiatives in spectrum monitoring and coexistence strategies for hybrid 6G networks, including deployments on AI accelerators. She brings over 20 years of experience across industry and academia, with expertise in SDR-based waveform modelling and implementation, satellite and non-terrestrial network design, radar depth sounding, SAR processing, and cognitive radio systems. Her work connects advanced research with practical system development in complex wireless environments. Sahana also has entrepreneurial experience as the founder of a consulting firm and has held roles as a system architect and product owner at ST Engineering iDirect in the United States. Earlier, she was a graduate researcher at the University of Kansas and Virginia Tech, working on remote sensing and wireless communication systems.

### Maik Reckeweg, Product Manager OTA Test Systems - Rohde&Schwarz

Maik Reckeweg is Product Manager for the OTA & Antenna Test System portfolio at Rohde&Schwarz, overseeing global product strategy and go-to-market execution since 2021. Previously he served as Senior Training Expert for OTA systems and as Antenna Product Manager, where he was responsible for the company's monitoring, communications, and measurement antenna offerings. Before joining Rohde&Schwarz in 2008, Maik engineered 3G and Bluetooth RF designs for Nokia and Motorola and designed antennas at M/A-COM, focusing on RFID and automotive radar applications. He holds a Diploma in Electrical Engineering from Ruhr Universität Bochum (1998).

### Jörg Rockstroh, Vice President Technology & Business Development - WORK Microwave

Jörg has been with WORK Microwave since 2006, where he leads the strategic development of the company across all product lines. Prior to his current role, he led the development of satellite modem products at WORK Microwave and managed the subsequently established Digital Products business unit. Jörg specializes in modem and system design for satellite and space communication and holds a Master's Degree in Information and Communication Technology. He leads WORK Microwave's contributions to standardization bodies in that field and is currently one of the directors in the DIFI consortium.

### Tomas Roenberg, Commercial Director - Gatehouse Satcom

Tomas is an experienced technical leader within technical sales and marketing, with more than 28 years of proven success in the test and measurement industry. He has a strong technical background and in recent years has worked with sales of advanced solutions in satellite communications and 3GPP-based telecommunications. He is passionate about creating value through innovative technologies that enhance connectivity and security in critical infrastructure.

### Dr. Alexander Schmidt, Managing Director - ORBiNT

Alexander Schmidt is Co-CEO and Co-Founder of ORBiNT GmbH, based in Munich. The company develops satellite-based, near real-time global signal intelligence capabilities from space. He holds a PhD in aerospace engineering from the University of the Bundeswehr Munich, where he specialized in mission assurance for small satellites in the NewSpace context. He continues to play a leading role in the SeRANIS mission, particularly in mission assurance and AIT (Assembly, Integration and Testing). This mission laid the foundation for the vision of a resilient LEO satellite constellation. Previously, he gained international experience at Airbus Defence and Space, supporting the Senior Vice President of Plants and AIT Spacecrafts, as well as at Mercedes-AMG High Performance Powertrains, contributing to the development of cutting-edge technologies. With ORBiNT, Alexander's overarching goal is to fully develop advanced satellite technology in Germany and implement it through a European supply chain, strengthening independence, quality, and national as well as European security.

### Rob Short, Business Development Manager - Rohde&Schwarz

Rob is a business development manager with focus on the space sector and has been at Rohde&Schwarz for fourteen years. Rob started his career in 1994 working as an electrical engineer on embedded code before expanding into mixed signal and RF in the telecoms industry for GNSS, 2G, 3G and 4G, before ending up in a series of global strategic roles across telecoms, automotive and now space.

### Arnd Sibila, Technology & Market Development Manager - Rohde&Schwarz

Arnd Sibila joined Rohde&Schwarz in 2012 as Technology Marketing Manager for Wireless Technologies and then led the Infrastructure Global Key Account Manager group. Since 2016 he focused on Technology Marketing for the Mobile Network Testing market segment. Previously, Arnd gained 21 years of experience at Siemens Communications and Nokia Siemens Networks where he held various technical and management positions in the field of Wireless Communication Systems and Mobile Networks Product Lifecycle (Product Management, System Architecture, CTO, Business Development, Portfolio Management and Product Qualification) covering nearly all wireless technologies.

### Prof. Dr.-Ing. Georg Strauss, Head of the Satellite Communications Laboratory - Munich University of Applied Sciences

Dr.-Ing. Georg Strauß has been teaching at the Munich University of Applied Sciences (HM) since 2002. In 2010, he took over the Satellite Communications Laboratory, including the compensated compact range founded by Prof. Fasold. His research focuses on high-precision measurements of terrestrial and non-terrestrial mobile platforms and radar cross sections (RCS). With over 20 years of experience, he is a recognized expert in the characterization of active antennas, including phased arrays and digital beamforming systems. He contributes to international public and private projects, such as the Hera space mission. Prior to academia, he led a unit at EPCOS (Qualcomm). He holds a PhD in microwave technology from the University of Ulm under the supervision of Prof. Dr. Wolfgang Menzel.

### Reiner Stuhlfauth, Technology Manager Wireless - Rohde&Schwarz

Reiner Stuhlfauth is a technology manager wireless from the Test & Measurement Division of Rohde&Schwarz in Munich. Before he worked as trainer and has more than 20 years of experience in teaching and promoting mobile communication technologies in the background of cellular standards and non-cellular technologies. He is involved in several projects concerning 5G, 5G advanced and 6G research activities. Reiner has presented at a plethora of conferences and events, he has published several technical documents, webinars and he is one of the authors of the Rohde&Schwarz technology book “5G New Radio – fundamentals, procedures, testing aspects”. He holds the academic degree of engineer in telecommunications (Dipl.-Ing.) issued by the Technical University of Kaiserslautern.

### Dr. Yvonne Weitsch, Market Segment Manager Satellite Testing - Rohde&Schwarz

Dr. Yvonne Weitsch serves as the Market Segment Manager for Aerospace & Defense at Rohde&Schwarz, where she oversees the satellite testing application segment. Her responsibilities include shaping business strategies, driving business development, and implementing strategic marketing and sales initiatives.
Dr. Weitsch earned her Ph.D. from the Technical University of Munich. Throughout her tenure at Rohde&Schwarz, she has held several key positions, including Project Leader, Development Engineer, and Technology Manager, with a specialization in antenna measurement techniques and near- and far-field transformation technologies.

### Frank Zeppenfeldt, Future Programmes - European Space Agency

Frank Zeppenfeldt works in the satellite communications group of the European Space Agency (ESA). He has been initiating several activities in IoT, automotive and 5G via satellite, and looks after several spectrum and regulatory aspects. Before that, Frank worked on satellite communications and security for NATO and was responsible for the network architectures in operational deployments and various military technology exercises. Earlier, he was working in EUMETSAT (European Organization for Meteorological Satellites) and was implementing the ground segment.

### Gunnar Zigan, Product Manager - Rohde&Schwarz

Gunnar Zigan has driven product management efforts for Spectrum Monitoring Systems since 2023. In this role, he is responsible for developing innovative solutions to meet evolving market needs. He holds a B.Eng. degree from the University of Applied Sciences Landshut and complemented his technical foundation with an MBA from Hochschule München, Germany.