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**IEEE International Symposium**  
on **Antennas and Propagation**  
and **ITNC-USNC-URSI Radio Science Meeting**

**EXHIBITORS**  
**CATALOGUE**  
2024 EDITION

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14-19 JULY 2024 • FORTEZZA DA BASSO | FLORENCE, ITALY





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for all the details





**IEEE International Symposium**  
on **Antennas and Propagation**  
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# WELCOME MESSAGE FROM THE GENERAL CO-CHAIRS



**AGOSTINO MONORCHIO**

Dear colleagues and friends,

It is our great pleasure to welcome you to the beautiful city of Florence for the 2024 IEEE International Symposium on Antennas and Propagation and ITNC-USNC-URSI Radio Science Meeting, at the "Fortezza da Basso" Convention Center from July 14 to 19, 2024. This conference will be an exciting and informative event that will bring together leading researchers, engineers, and practitioners from around the world to share their knowledge and expertise on the latest advances in antennas and propagation, radio science and electromagnetic engineering.



**ROBERTO GRAGLIA**

The event is cosponsored by the IEEE Antennas and Propagation Society (IEEE AP-S), the Italian National Committee (ITNC) and the US National Committee (USNC) of the International Union of Radio Science (URSI).

The AP Society has only recently begun holding its flagship conference outside of North America every three years and we are honored to host it in one of the most culturally rich cities in Europe and in the world.

Florence is the cradle of the Renaissance, renowned for its cultural heritage and artistic treasures. The city's rich history and stunning architecture are the perfect backdrop for this exciting conference. Participants and their companions are invited to explore Florence's attractions and cultural sites during the conference's social events, as well as mouthwatering cuisine that Florence has to offer, in addition to the stimulating intellectual exchange.



**GIULIANO MANARA**

# WELCOME MESSAGE FROM THE GENERAL CO-CHAIRS

The Renaissance developed in Italy from the mid-fourteenth century to the end of the sixteenth century, marking the transition from the Middle Ages to modernity. It was in this historical period that the New World was discovered, and that, for the first time in Europe, women and men were started to be considered equal; human potential and individual mastery became barycentric for human history, and, above all, it was affirmed that each individual is able of modifying nature and changing the own destiny (*homo faber fortunae suae*).

In this sense, we hope that our conference will contribute to a 'Technological Renaissance' for advancing humanity. The Symposium will feature a diverse range of keynote speeches, technical sessions, and interactive workshops covering a wide variety of topics related to antennas and propagation. From antenna design and analysis to electromagnetic theory, wireless communication systems, and beyond, we will explore the pioneering research and applications that are shaping the future of this dynamic field.

We look forward to welcoming you personally to Florence in 2024 and making your congress experience pleasant and unforgettable.

Sincerely,

**Agostino Monorchio**

*Conference Chair*

**Roberto Graglia, Giuliano Manara**

*Conference Co-chairs*

ORGANIZED BY

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# FINCANTIERI

## FINCANTIERI

GOLD SYMPOSIUM PATRON

VISIT US AT **BOOTH 32**

📍 Via Genova, 1 34121 - Trieste, Italy

🌐 [www.fincantieri.com/en/](http://www.fincantieri.com/en/)

### Contacts:

✉ [s.sensani@idscorporation.com](mailto:s.sensani@idscorporation.com)

### Company overview:

Fincantieri is one of the world's largest shipbuilding groups, the only one active in all high-tech marine industry sectors. It is leader in the construction and transformation of cruise, naval and oil & gas and wind offshore vessels, as well as in the production of systems and component equipment, after-sales services and marine interiors solutions. Thanks to the expertise developed in the management of complex projects, the Group boasts first-class references in infrastructures, and is a reference player in digital technologies and cybersecurity, electronics and advanced systems. With over 230 years of history and more than 7,000 ships built, Fincantieri maintains its know-how, expertise and management centres in Italy, here employing 10,000 workers and creating around 90,000 jobs, which double worldwide thanks to a production network of 18 shipyards operating in four continents and with almost 21,000 employees.



## HUAWEI

GOLD SYMPOSIUM PATRON

📍 Chaussee d'Etterbeek 180, 1040 Brussels, Belgium

🌐 [www.huawei.com/eu/](http://www.huawei.com/eu/)

### Contacts:

✉ [roberto.flamini1@huawei.com](mailto:roberto.flamini1@huawei.com)

✉ [stefano.verzura@huawei.com](mailto:stefano.verzura@huawei.com)

### Company overview:

Founded in 1987 with headquarters in Shenzhen, China, Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. Huawei's products and solutions are used by 45 of the world's top 50 carriers in over 170 countries, serving around a third of the world's population. Huawei is a private company, 100% owned by its employees, and is constantly engaged in management development complying with the international best practices.

The company currently has 197,000 employees, over 45% of whom are employed in the Research & Development sector. Huawei has built 14 Research & Development centers, 36 Joint Innovation Centers and 45 Training Centers worldwide. In 2021, the company invested over \$22 billion in Research & Development, 22.4% of its global revenue.

Huawei has filed 112,849 patents and, according to the UN World Intellectual Property Organization (WIPO), in 2021 it is the first company in the world for international patent applications with 6,952 requests. In 2021, Huawei also ranks first for patent applications filed at the European Patent Office (EPO) with 3,544 applications. Huawei ranked 44th in the 2021 Fortune Global 500 ranking and was the first Chinese company ever to enter the 'Top 100 Best Global Brands' by Interbrand, where in 2021 it ranked 85th.

With solutions integrated in four key domains (telecommunication networks, IT, smart devices and cloud services), Huawei is committed to bringing digital to every person, home and organization, for a fully connected and intelligent world. In 2021, Huawei recorded a revenue of \$99.9 billion with a net profit of \$17.8 billion.



## FREE-SPACE SRL

GOLD SYMPOSIUM PATRON

VISIT US AT **BOOTH 23**

📍 Via Antonio Cocchi 7, Pisa 56121 (Italy)

☎ +39 050 721 3272

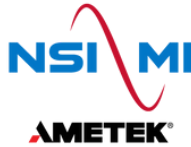
🌐 [www.free-space.it](http://www.free-space.it)

### Contacts:

✉ [eliana.canicatti@free-space.it](mailto:eliana.canicatti@free-space.it)

### Company overview:

Free Space is an innovative start-up in the field of electromagnetic solutions, talented in developing customized solutions that seamlessly harmonize into complex platforms and environments due to our strong technological background. The expertise lies in electromagnetic modelling and simulation for radio frequency signal propagation, complex electromagnetic estimation, and accurate radar cross-section (RCS) computation. We have expertise in performing feasibility studies tailored to specific needs, as well as in simulating, designing, and industrializing RF and microwave components, materials and equipment. It complies with rigorous testing and qualification criteria for environmental, electromagnetic compatibility (EMC), and radio performance.



## NSI-MI

SILVER SYMPOSIUM PATRON

VISIT US AT **BOOTH 8-9**

📍 1125 Satellite Blvd. NW, Ste. 100, Suwanee, GA 30024 USA

☎ +1 678 475 8300

🌐 [www.nsi-mi.com](http://www.nsi-mi.com)

### Contacts:

✉ [michelle.taylor@ametek.com](mailto:michelle.taylor@ametek.com)

✉ [andy.booth@ametek.com](mailto:andy.booth@ametek.com)

### Company overview:

NSI-MI Technologies is the premier source for advanced antenna measurement solutions for any aerospace, defence, satellite, or wireless application and beyond. Our elite team of experts oversee every step of the design, construction, and system integration process, and our broad customer service network will lend support long after delivery. Whether investing in a turnkey system, a precision component, or optimised instrumentation suite, we take your specific RF measurement requirements and execute a solution unparalleled in performance, accuracy, and quality. You can always Test with Confidence™ at NSI-MI.



## ALTAIR GLOBAL

BRONZE SYMPOSIUM PATRON

VISIT US AT **BOOTH 33**

📍 Altair Global 1820 E. Big Beaver Rd. Troy, MI 48083 United States

☎ +1 (248) 614-2400

🌐 [www.altair.com](http://www.altair.com)

### Contacts:

✉ [damiani@altair.com](mailto:damiani@altair.com)

✉ [cjreddy@altair.com](mailto:cjreddy@altair.com)

### Company overview:

Altair (Nasdaq: ALTR), is a global leader in computational intelligence that provides software and cloud solutions in simulation, high-performance computing (HPC), data analytics and AI.

Altair enables organizations across all industries to compete more effectively and drive smarter decisions in an increasingly connected world - all while creating a greener, more sustainable future.



## DASSAULT SYSTÈMES

BRONZE SYMPOSIUM PATRON

VISIT US AT **BOOTH 24**

📍 10, rue Marcel Dassault, Paris Campus, Vélizy-Villacoublay, 78140 - France

☎ +33 (0)1 6162 6162

🌐 [www.3ds.com](http://www.3ds.com)

### Contacts:

✉ Davide.TALLINI@3ds.com

✉ Raffaele.SCUDERI@3ds.com

### Company overview:

Dassault Systèmes is a catalyst for human progress. Operating in three sectors – Life Sciences & Healthcare, Infrastructure & Cities, and Manufacturing Industries – we provide businesses and people with collaborative 3D virtual universes to imagine sustainable innovations. A pioneer in computer-aided design founded in 1981, Dassault Systèmes has expanded into a diverse range of software categories, including 3D modeling, simulation, information intelligence, and social and collaborative processes. By creating 'virtual experience twins' of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production.



## ECHOES SRL

BRONZE SYMPOSIUM PATRON

VISIT US AT **BOOTH 10**

📍 Viale Giovanni Pisano 55, 56123 - Pisa (Italy)

☎ +39 0586 377754

🌐 [www.echoes-tech.it](http://www.echoes-tech.it)

### Contacts:

✉ [daniele.stagliano@echoes-tech.it](mailto:daniele.stagliano@echoes-tech.it)

### Company overview:

ECHOES s.r.l. is an Italian engineering company specialized in the design, development, and manufacturing of innovative radar systems and sub-systems (both hardware and software). Founded in 2015 as a joint spinoff company of Interuniversity Consortium for Telecommunications (CNIT) and University of Pisa, nowadays, ECHOES is fully operative with many national and international customers and it has set itself apart through its ability to bring new products to market focusing on the future. ECHOES offers customer-oriented full-stack radar solutions, from the design up to small-series production for a wide range of civil and military applications from HF up to K bands.

ECHOES is mainly focused on imaging radar market segment, in particular towards structural, geotechnical, and environmental monitoring applications, aerospace & defence, and security & surveillance applications

Shared Sponsorship with National Lab RaSS



## CNIT Rass Lab

BRONZE SYMPOSIUM PATRON

VISIT US AT **BOOTH 10**

📍 Galleria Gerace 14, 56124 Pisa | Italy

☎ +39 050 0801551

[www.labrass.cnit.it](http://www.labrass.cnit.it)

### Contacts:

✉ [rass@cnit.it](mailto:rass@cnit.it)

✉ [roberto.saglimbeni@cnit.it](mailto:roberto.saglimbeni@cnit.it)

✉ [amerigo.capria@cnit.it](mailto:amerigo.capria@cnit.it)

### Company overview:

Radar and Surveillance Systems (RaSS) Lab is a National Laboratory of the CNIT. CNIT is a no-profit consortium composed of 44 Research Units (38 Italian Universities, 7 Departments of the National Research Council-CNR) and 7 National Laboratories.

RaSS Lab was founded in 2010 with the aim of creating core competence to challenge research frontiers in the field of radar systems and applied electromagnetics. It carries out its research and technological transfer activities in the field of radar systems, applied electromagnetism, remote sensing, telecommunication, signal processing and sensors network security. It is organized in several current and explorative research areas; all activities are supported by complementary units.



## MVG - MICROWAVE VISION GROUP

BRONZE SYMPOSIUM PATRON

VISIT US AT **BOOTH 36**

📍 47 boulevard Saint Michel, 75005 Paris, France

☎ +33175775850

🌐 [www.mgv-world.com](http://www.mgv-world.com)

### **Contacts:**

✉ [carmel.petersen@mgv-world.com](mailto:carmel.petersen@mgv-world.com)

### **Company overview:**

MVG offers a full range of measurement solutions for antenna, RCS, radome, and EMC/EMI testing, and wireless device certification. Our one-stop-shop product portfolio includes multi-probe arrays, PNF scanners, compact ranges, anechoic chambers, antennas, software, positioning equipment, and RF absorbers. We also offer antenna measurement services, integrated project management, and customer care worldwide. MVG brings together more than 35 years' experience in microwave testing technology from 4 historical industry leaders: SATIMO, ORBIT/FR, AEMI and Rainford EMC Systems. We are dedicated to supporting the Aerospace and Defense, Satellite, Telecom, and Automotive industries and well as academic R&D.



## Pasquali Microwave Systems

BRONZE SYMPOSIUM PATRON

VISIT US AT **BOOTH 4**

📍 Via Del Palazzo Dei Diavoli, 124/B, 50142 Florence (Italy)

☎ (+39) 055 710516

🌐 [www.pasqualimicrowavesystems.com](http://www.pasqualimicrowavesystems.com)

### Contacts:

✉ [t.lastrucci@pasquali-ms.it](mailto:t.lastrucci@pasquali-ms.it)

✉ [f.ovipari@pasquali-ms.it](mailto:f.ovipari@pasquali-ms.it)

### Company overview:

Pasquali Microwave Systems offers full-in-house Engineering, Manufacturing, Surface Treatments and QA/Testing of  $\mu$ -Wave and mm-Wave Assemblies (1÷200 GHz, passive and active) for Defense, Space, Naval and Civil/TLC sectors, such as:

- $\mu$ -Wave and mm-Wave Waveguide Assemblies and Antennas Systems: 1 GHz ÷ 150 GHz or higher frequencies
- Blackbody RF Absorbers for Calibration Targets and Polarizers: 10 GHz ÷ 200 GHz, 4°K ÷ 330°K
- Electronics Subassemblies and Components: On-waveguide integrated parts, microstrip/PCBs (1 GHz ÷ 50 GHz)



## VEGA COMPOSITES

BRONZE SYMPOSIUM PATRON

VISIT US AT **BOOTH 4**

📍 Via della Lora 15, 50031 Barberino di Mugello, Florence (Italy)

☎ +39 055 8417653

🌐 [www.vegacomposites.com](http://www.vegacomposites.com)

### Contacts:

✉ [ncigolotti@vegacomposites.com](mailto:ncigolotti@vegacomposites.com)

✉ [tlastrucci@vegacomposites.com](mailto:tlastrucci@vegacomposites.com)

### Company overview:

Vega Composites is a long-standing leading Company operating in Composites Materials and Metal Assemblies for Defense, Naval, Civil and Space markets, providing cutting-edge design solutions know-how capabilities and high-tech manufacturing in:

- Composite Fiber-Reinforced Structures: Carbon-Fiber, Glass-Fiber, Kevlar, Innegra, Rohacell, Dyneema
- Integrated Complex Metal Parts: Special Steel, Titanium, Aluminum Alloys

Vega Composites supplies a wide set of items, from small Assemblies (10cm) up to large Structures (more than 6 mt of diameter): Radomes and Large Domes, Antenna Reflectors, Tank Shields, Support Frames, Drone/Vehicle Parts, Composite Over-Wrapped Pressure Tanks for Satellites.

**ROHDE & SCHWARZ**  
Make ideas real



## ROHDE & SCHWARZ

BRONZE SYMPOSIUM PATRON

📍 Muehldorfstrasse 15, 81671 Monaco di Baviera, Germania

☎ +49 89 4129 – 0

🌐 [www.rohde-schwarz.com](http://www.rohde-schwarz.com)

### Contacts:

✉ [rsi.info@rohde-schwarz.com](mailto:rsi.info@rohde-schwarz.com)

### Company overview:

Rohde & Schwarz is a German multinational that develops, manufactures and markets a wide range of electronic solutions for the industrial sector, infrastructure operators and public institutions. For ninety years it has been a market leader and technological innovator in all areas in which it operates, including wireless communications, radio frequency measurement and testing systems, broadcasting and media, air traffic control and military radio communications, IT security and network infrastructure. Present in Italy since 1947, Rohde & Schwarz produces, designs and develops, on the national territory, communication and measurement solutions with high technological content. Its clients include the most significant private companies, public bodies and the armed forces. Structured in three divisions, two dedicated to sales and one entirely dedicated to technical services, Rohde & Schwarz Italia supports its customers with a reliable and constant presence from the phase of defining the application needs, the commissioning of the equipment; providing qualified installation, calibration and maintenance services, and also organizing and providing training, updating and technical support services.



## TECHNOLOGY INNOVATION INSTITUTE

BRONZE SYMPOSIUM PATRON

📍 Technology Innovation Institute, 9639, Yas Island, Abu Dhabi - United Arab Emirates

🌐 [www.tii.ae](http://www.tii.ae)

### Contacts:

✉ [andrew.chopra@tii.ae](mailto:andrew.chopra@tii.ae)

### Company overview:

The Technology Innovation Institute (TII) is a leading global research center dedicated to pushing the frontiers of knowledge. Our teams of scientists, researchers and engineers work in an open, flexible and agile environment to deliver discovery science and transformative technologies. Our work means we will not only prepare for the future; we will create it. Working together, we are committed to inspiring innovation for a better tomorrow.





# EXHIBITION MAP

Traditionally, the AP-S/USNC-URSI flagship event attracts over 1600 attendees from more than 30 countries.



# LOCATION

## FORTEZZA DA BASSO

Fortezza da Basso, a unique location in the world, a Medici fortress in the heart of Florence where masterpieces of Renaissance architecture and cutting-edge technologies coexist.



Auditoriums

Exhibition halls

Meeting/workshops rooms

Foyers



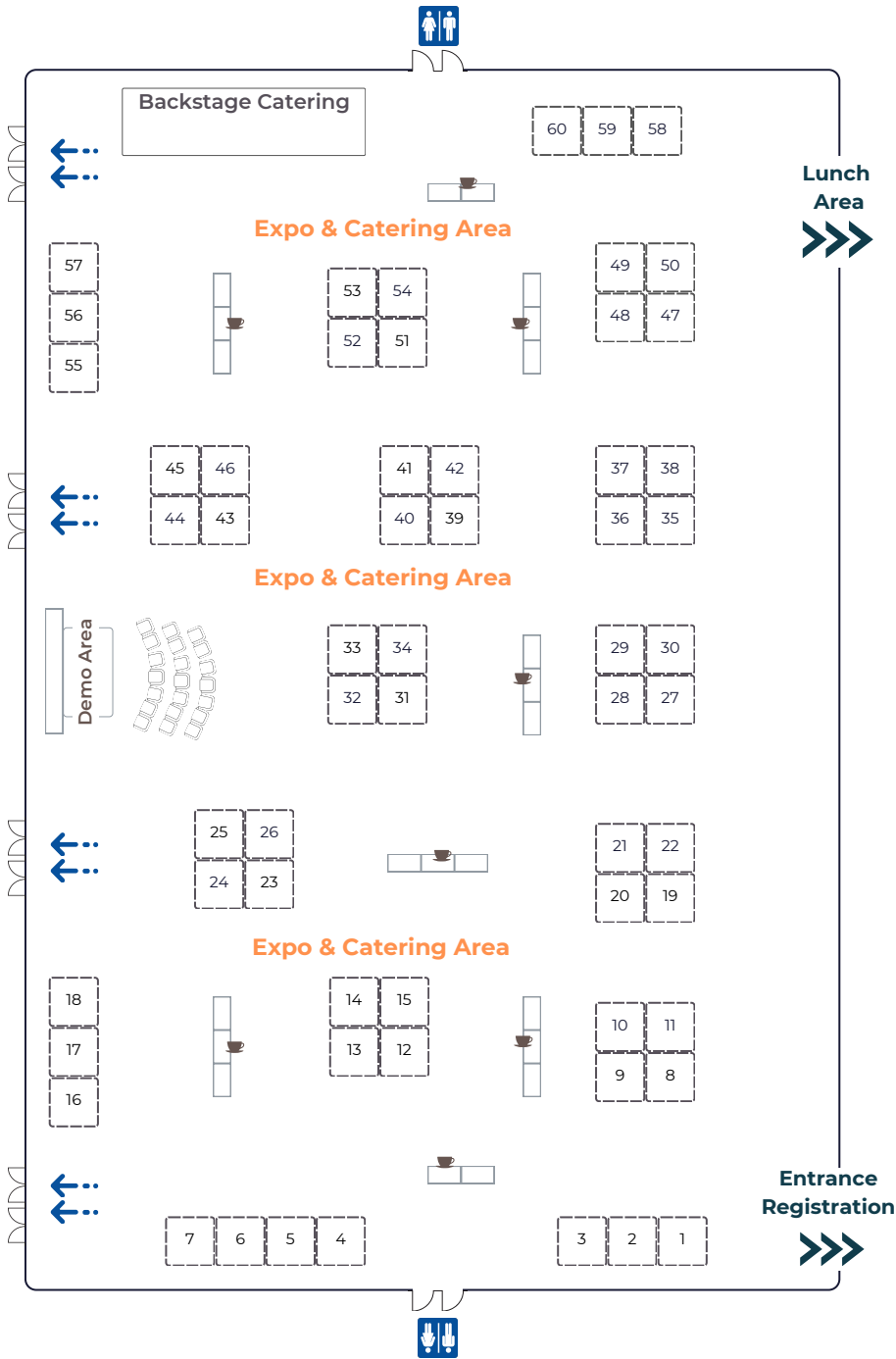
### SPADOLINI PAVILION

#### Ground Floor

The Spadolini Pavilion is the main exhibition and conference center in Florence. Its distinctive bronze-toned facade, striped with steel and aluminum elements, houses a building designed to accommodate a large number of people and host multiple events simultaneously.



Spadolini Pavilion



# EXHIBITORS LIST

COMPANY NAME	BOOTH N.	COMPANY LOGO
ALTAIR	33	
ANTENOM	35	
ASYSOL	38	
BETA CAE SYSTEMS	14	
CNIT RASS LAB	10	
COMTEST ENGINEERING BV	37	
ECHOES	10	
FINCANTIERI	32	
FREE-SPACE	23	
FORTIFY	13	
IMST GMBH	28	
KEYSIGHT	15	
MATHWORKS	12	
MVG MICROWAVE VISION GROUP	36	
NSI-MI TECHNOLOGIES	8+9	
ORIZZONTE SISTEMI NAVALI	31	
PASQUALI MICROWAVE SYSTEMS	4	
VEGA COMPOSITES	4	
REMCOM	39	
SERVICEPRO ITALY FOR DESSAULT SYSTÈMES	24	
TELECO RENTA (UNIVERSITY CARLOS III MADRID)	41	
TICRA	42	
TMYTEK	40	
FOSHAN LAMBDA TECHNOLOGY CO., LTD	40	
WIPL-D	34	



## ANTENOM ANTENNA TECHNOLOGIES

### BOOTH 35

📍 Universiteler Mh. Sehit Mustafa Tayyarcı Cd. No: 5, Cyberpark Tepe Binasi,  
No: 425, Bilkent, Ankara, Turkey

🌐 [www.antenom.com](http://www.antenom.com)

#### **Contacts:**

✉ [umut.bulus@antenit.com](mailto:umut.bulus@antenit.com)

#### **Company overview:**

Antenom provides cutting-edge and innovative solutions in antenna design, microwave component design and RF systems. Our products have been used in 28 countries so far. We currently have three branches; one is our block-based Anten'it products, the second one is our counter-drone and counter-IED jamming antennas and the last one is custom design of antennas, microwave components and RF systems.

Antenom Antenna Technologies has developed an innovative concept called Anten'it, which utilizes reusable, block-based design methodologies for antennas and microwave components. This concept is particularly beneficial for training and academic research in antenna and microwave technologies. In the industry, antenna and microwave engineers use these products to quickly test ideas and perform rapid prototyping. This approach reduces material, cost, and time waste during prototyping and teaching phases. Additionally, 3D CAD models of the antennas and microwave components, which can be imported into any electromagnetic simulation tool are available in Anten'it Library Software.

We will introduce our 20 GHz horn antenna kits at this show. Our blocks are theoretically effective up to 7.5 GHz (Such as FDTD mesh cells), and for frequencies above that, we use aperture blocks. This small kit allows you to easily adjust antenna gain and construct various antennas. Currently, the kit supports frequencies from 1.7 to 20 GHz. Additionally, we are developing a version that will operate at 40 GHz.



## ASYSOL

### BOOTH 38

📍 Isabel Torres 9, 39011 Santander, Spain

☎️ +34 942 05 04 85

🌐 [www.asysol.com](http://www.asysol.com)

#### Contacts:

✉️ [jportilla@asysol.com](mailto:jportilla@asysol.com)  
✉️ [tsanchez@asysol.com](mailto:tsanchez@asysol.com)  
✉️ [sales@asysol.com](mailto:sales@asysol.com)

#### Company overview:

Antenna Systems Solutions (ASYSOL) is a European company committed to delivering innovation and outstanding service worldwide.

Through our dedication, we strive to offer on putting customers first by presenting them with industry expertise as a supplier and producer of antenna metrology measuring systems for the Aerospace, Automotive, Academia, Commercial, and Defense industries.

We design solutions for any RF communications test equipment requirements. We will work with your team to provide you with the optimal test setup for your application.

ASYSOL is a place where innovation is standard.



## BETA CAE SYSTEMS

### BOOTH 14

📍 BETA CAE Systems International AG Platz 4, CH-6039 Root D4 Switzerland

☎ +41 41 545 3650

🌐 [www.beta-cae.com](http://www.beta-cae.com)

#### Contacts:

✉ [ansa@beta-cae.com](mailto:ansa@beta-cae.com)

#### Company overview:

BETA CAE Systems transformed CAE by introducing revolutionary automation software and practices into Simulation and Analysis processes more than 30 years ago.

Committed to our mission to enable engineers to deliver results of high value, we continue to offer state-of-the-art, high-performance software and best-in-class services. Our simulation solutions liberate low risk and high Return-On-Investment innovation.

The ground-breaking technology, the excellent services and our high standards of business ethics are the three pillars on which BETA was founded and grows since then



## COMTEST

### BOOTH 37

📍 Hoge Rijndijk 205, 2382 AL Zoeterwoude, The Netherlands

☎ +31 715417531

🌐 [www.comtest.com](http://www.comtest.com)

#### Contacts:

✉ [joelle.verkuijlen@comtest.com](mailto:joelle.verkuijlen@comtest.com)

✉ [bas.de.groot@comtest.com](mailto:bas.de.groot@comtest.com)

#### Company overview:

Comtest delivers cost-effective and compliant EMC and Antenna test facilities and RF-shielded rooms that will enable you to achieve your goals resulting in a better and safer world. In our family business, we were taught that our products must be right down to the smallest details. Details that others often don't even notice but that make the difference between good and perfect. We do this with a Dutch entrepreneurial spirit from the village where Rembrandt's father's mill once stood. This is how we help companies protect and connect people all over the world. As in one big family.



## FONDAZIONE TELETHON

📍 Via Varese 16b - 00185 Roma, Italy

☎ +39 06 440151

🌐 [www.telethon.it](http://www.telethon.it)

### **Contacts:**

✉ [info@telethon.it](mailto:info@telethon.it)

### **Company overview:**

Fondazione Telethon ETS is one of the main Italian biomedical charities, founded in 1990 on the initiative of a group of patients suffering from muscular dystrophy. Its mission is to achieve the cure of rare genetic diseases through scientific research of excellence, selected according to the best practices shared internationally. Through a unique method in the Italian panorama, it follows the entire "research chain" dealing with fundraising, selection and funding of projects and the research activity itself carried out in the centers and laboratories of the Foundation. Telethon also develops collaborations with public health institutions and pharmaceutical industries to translate the results of research into therapies accessible to patients.



## FORTIFY

### BOOTH 13

📍 75 Hood Park Dr, Floor 1, Boston, MA 02129

☎ +1 (857) 274-0483

🌐 [www.3dfortify.com](http://www.3dfortify.com)

#### **Contacts:**

✉ [ngrant@3dfortify.com](mailto:ngrant@3dfortify.com)

#### **Company overview:**

Fortify is a RF & MW device company using a patented manufacturing platform to create high-value communication and radar systems. We're enabling best-in-class performance in applications such as wide-band SATCOM terminals, tracking & guidance, or passive devices used in radar and signature management systems..



## IMST GmbH

**BOOTH 28**

📍 Carl-Friedrich-Gauß-Straße, 2-4, 47475, Kamp-Lintfort

☎ +4928429810

🌐 [www.imst.com](http://www.imst.com)

### **Contacts:**

✉ [meike.kaplan@imst.de](mailto:meike.kaplan@imst.de)

### **Company overview:**

IMST GmbH is a development centre for customer-specific radio technology and microelectronic systems. More than 130 highly qualified engineers develop integrated circuits, hybrid modules and systems, radio modules, antennas, micro-controller circuits, embedded systems and 3D-EM simulation software in Kamp-Lintfort. We guide our customers from the first product idea all the way to the finished system. In order to always keep our extensive know-how in the various radio technologies up to date, IMST GmbH successfully participates in many public funding projects (including national, EU, ESA). Over 30 years of IMST – a one-stop shop bundling competencies from feasibility analysis to the start of production!



## KEYSIGHT (NYSE: KEYS)

### BOOTH 15

📍 1400 Fountaingrove Parkway, Santa Rosa, CA 95403-1738

☎ +1 800 829-4444

🌐 [www.keysight.com](http://www.keysight.com)

#### **Contacts:**

✉ [patrizia.pautasso@keysight.com](mailto:patrizia.pautasso@keysight.com)

✉ [mart-van\\_gijssel@keysight.com](mailto:mart-van_gijssel@keysight.com)

#### **Company overview:**

At Keysight (NYSE: KEYS), we inspire and empower innovators to bring world-changing technologies to life. As an S&P 500 company, we're delivering market-leading design, emulation, and test solutions to help engineers develop and deploy faster, with less risk, throughout the entire product life cycle. We're a global innovation partner enabling customers in communications, industrial automation, aerospace and defense, automotive, semiconductor, and general electronics markets to accelerate innovation to connect and secure the world.



## MATHWORKS

### BOOTH 12

📍 1 Apple Hill Drive, Natick, MA 01760-2098 (UNITED STATES)

☎ 508-647-7000

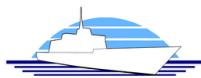
🌐 [www.mathworks.com](http://www.mathworks.com)

#### **Contacts:**

✉ [candreot@mathworks.com](mailto:candreot@mathworks.com)

#### **Company overview:**

The MATLAB and Simulink product families are fundamental applied math and computational tools at the world's educational institutions. Adopted by more than 6,500 universities and colleges, MathWorks products accelerate the pace of learning, teaching, and research in engineering and science. MathWorks products also help prepare students for careers in industry worldwide, where the tools are widely used for data analysis, mathematical modeling, and algorithm development in collaborative research and new product development. Application areas include data analytics, mechatronics, communication systems, image processing, computational finance, and computational biology.



## Orizzonte Sistemi Navali

### ORIZZONTE SISTEMI NAVALI

#### BOOTH 31

📍 Viale Brigata Bisagno, 45 R, 16129 Genova (Italy)

☎ +39 010 9817111

🌐 [www.orizzontesn.it](http://www.orizzontesn.it)

#### Contacts:

✉ [federica.pompili@orizzontesn.it](mailto:federica.pompili@orizzontesn.it)

#### Company overview:

Orizzonte Sistemi Navali S.p.A (OSN) operates since more than two decades as a Whole Warship Integrator during the entire service life of the vessel. It has been established in 1994 and the current structure has been decided in 2002. The company is participated by: 51% Fincantieri and 49% Leonardo, the most important Italian Defence Companies with international presence in the entire world.



## REMCOM

### BOOTH 39

📍 Via Del Palazzo Dei Diavoli, 124/B, 50142 Florence (Italy)

☎ (+39) 055 710516

🌐 [www.remcom.com](http://www.remcom.com)

#### Contacts:

✉ [caitlyn.harling@remcom.com](mailto:caitlyn.harling@remcom.com)

#### Company overview:

Remcom provides electromagnetic simulation and site-specific radio propagation software for analyzing complex EM problems and antenna propagation. Our XFDTD is full-wave 3D electromagnetic modeling software for analyzing EM field simulation in complex, high-fidelity devices, with a unique collection of features that simplifies the analysis of even the most complex and massive problems. Wireless InSite is a suite of RF propagation models, providing 3D ray-tracing, fast ray-based methods, and empirical models for the analysis of site-specific radio wave propagation and wireless communication systems. Remcom's unique solutions simplify EM analysis for a wide variety of applications including antenna design and placement, 5G MIMO, mobile device design, biomedical and SAR validation, microwave devices, radar/scattering, automotive radar, outdoor and indoor mmWave planning, and more.



## TELECO RENTA

BOOTH 41

📍 Madrid (ES)

🌐 [www.telecorenta.es](http://www.telecorenta.es)

### Contacts:

✉ [dansevar@ing.uc3m.es](mailto:dansevar@ing.uc3m.es)

✉ [aamor@ing.uc3m.es](mailto:aamor@ing.uc3m.es)

### Company overview:

Teleco Renta is an outreach plan to attract talent for the development of future 5G networks in Spain. Please write to [aamor@ing.uc3m.es](mailto:aamor@ing.uc3m.es) to learn more about the different research centers and universities participating in the program.



## TICRA

### BOOTH 42

📍 Landemærket 29, 5. DK-1119 Copenhagen K, (Denmark)

☎ +45 3312 4572

🌐 [www.ticra.com](http://www.ticra.com)

#### Contacts:

✉ [sigs@ticra.com](mailto:sigs@ticra.com)

#### Company overview:

TICRA is the world's leading supplier of antenna modelling software for antenna industries, including spacecraft manufacturers and space agencies, earth-station antenna suppliers, defence industries and research institutions. With more than 50 years of experience in developing trusted solutions for the space industry, TICRA provides highly accurate EM simulation software for reflector antennas and related feed systems, quasi-periodic surfaces, platform scattering as well as for antenna measurements. Our expert engineers are available to customers through software support and consultancy services.



## TMY TECHNOLOGY INC.

**BOOTH 40**

📍 Rm. E, 3F., No. 3, Yuandong Rd., Banqiao Dist., New Taipei City 220, Taiwan (R.O.C.)

🌐 [www.tmytek.com](http://www.tmytek.com)

### **Contacts:**

✉ [vincent\\_lee@tmytek.com](mailto:vincent_lee@tmytek.com)

### **Company overview:**

TMY Technology, Inc. (TMYTEK) delivers the breakthroughs of mmWave solutions in 5G/B5G and satellite communication applications. By transforming the mmWave RF fronted with innovative devices, inventing ready-to-use beamforming development kit, implementing phased arrays with modern Antenna-in-Package (AiP) technology, and redefining the OTA testing methodology, TMYTEK empowers industrial inventions to market faster.



LAMBMICROW  
蓝谱达

## FOSHAN LAMBDA TECHNOLOGY CO., LTD

### BOOTH 40

📍 Room D503, Research Building, No.6, Kejiao Road, Shishan Town, Nanhai District, Foshan City, Guangdong Province, China. 528225

☎ +86-13751043063

🌐 [www.lamb-tech.com](http://www.lamb-tech.com)

#### Contacts:

✉ [sales@lambmicrow.com](mailto:sales@lambmicrow.com)

#### Company overview:

Foshan Lambda Technology Co., Ltd. is an innovative company in China, providing advanced RF/microwave measurement solutions for antenna systems and dielectric materials for radar, autonomous driving, satellite, mobile communication, and wireless sensor applications. Our main products include dielectric material's properties test system, antenna test system including near-field test system, far-field test system and Compact Antenna Test Range (CATR) system, as well as a variety of customized measurement services. We provide high quality services all over the world. Choosing us is choosing a fast, stable and accurate measurement solution.



## WIPL-D

**BOOTH 34**

📍 Gandijeva 7 apt 32, 11073 Belgrade Serbia, Europe

☎ +381 11 2289 350

🌐 [www.wipl-d.com](http://www.wipl-d.com)

### **Contacts:**

✉ [svetlana.gajic@wipl-d.com](mailto:svetlana.gajic@wipl-d.com)

### **Company overview:**

WIPL-D d.o.o. is a privately-owned company, dedicated to the development of commercial EM simulation software and consulting in the wide field of electromagnetism. WIPL-D products are used in wide area of antennas and MW circuits design, antenna arrays and radome, RCS/Scattering, EMC, antenna placement, biomedical and many more. The flagship product of the WIPL-D software suite is a general purpose full-wave 3D electromagnetic solver. Fast and accurate numerical engine is based on the Method of Moments employing higher-order basis functions and quadrilateral mesh. This particular choice results in high EM simulation efficiency considerably moving higher the size of the solvable problem for the case of inexpensive CPU/GPU platforms. Unbeatable EM simulation speed enables rigorous convergence studies of the results and together with intuitive CAD modeler, allows users with diverse levels of EM simulation experience to obtain reliable results.







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