



Hosted By **ATEK**

September 15, 2026 | San Diego, CA

Visit SDTES.org to Learn More!

About the San Diego Test Equipment Symposium

Founded in 2012, the San Diego Test Equipment Symposium (SDTES) was created to bring together engineers, technicians, researchers, manufacturers, and industry professionals to share knowledge, explore emerging technologies. Since its inception, SDTES has grown into a premier regional event featuring technical presentations, hands-on demonstrations, and networking opportunities focused on test, measurement, validation, and compliance.

Our mission is to foster collaboration across industries and provide a forum where professionals can learn from one another's experiences, discover innovative solutions, and build lasting industry connections.



TABLE OF CONTENTS

Page	02	About SDTES
Page	04 - 05	Symposium & Session Schedule
Page	06 - 07	Exhibitor Map/Floorplan
Page	08 - 11	Meet Our Speakers
Page	12 - 15	The Exhibitors

SAN DIEGO TEST EQUIPMENT SYMPOSIUM SCHEDULE AT A GLANCE

Networking and Activities

TIME	Session & Activity
8:00 - 8:45 AM	Expo Opens / Network & Coffee
9:00 AM - 11:45 AM	Technical Sessions & Presentations
11:45 AM - 12:30 PM	Catered Lunch
12:30 PM	Afternoon Lab Tour
1:00 PM - 3:30 PM	Technical Sessions & Presentations
3:45 PM	Grand Raffle
4:00 PM	Happy Hour

Building C Sessions

9:00 - 9:30 AM	Dennis Lewis Boeing <i>Addressing the Increasing Wireless Requirements for Aerospace Applications</i>
10:00 - 10:30 AM	Dr. Robert C. Scully NASA Johnson Space Center <i>Why is EMC Important in the Design Process?</i>
11:00 - 11:30 AM	Jason Smith AbsoluteEMC <i>Pre-Compliance Testing During Product Development</i>
1:00 - 1:30 PM	Clayton Forbes Element Materials Technology <i>MIL-STD-810H Method 516 Shock Testing</i>
2:00 - 2:30 PM	Dr. Emmanuel Iyiegbuniwe, PhD UT San Antonio <i>Childhood Lead Exposure in San Antonio Youths</i>
3:00 - 3:30 PM	Ron Ahlquist ATSEMC <i>Options for EMC/OTA/EMP Testing for Drones, UAVs, and Other Airborne Equipment</i>

Find floorplans on pages 6 & 7 for the locations of session rooms.

SAN DIEGO TEST EQUIPMENT SYMPOSIUM SCHEDULE AT A GLANCE

Building A Sessions

9:00 - 9:30 AM	-	
10:00 - 10:30 AM	Johee Chang TUV SUD	<i>Integrating Cellular: The Path to Certification</i>
11:00 - 11:30 AM	Matthew Sze Omicron	<i>Introduction to PD Management on High Voltage Apparatus</i>
1:00 - 1:30 PM	Himanshu Joshi Fluke Networks	<i>Importance of Inspection, Cleaning, & Certification on Fiber Installations</i>
2:00 - 2:30 PM	James Zik PCTel	<i>Software Defined Radios for Signal Intelligence and Network Validation</i>
3:00 - 3:30 PM	-	

SDTES 2026

Wrap Up & Win!

Don't forget about your free ticket to win some amazing prizes!

Must be present at 3:45 PM to be eligible to win!

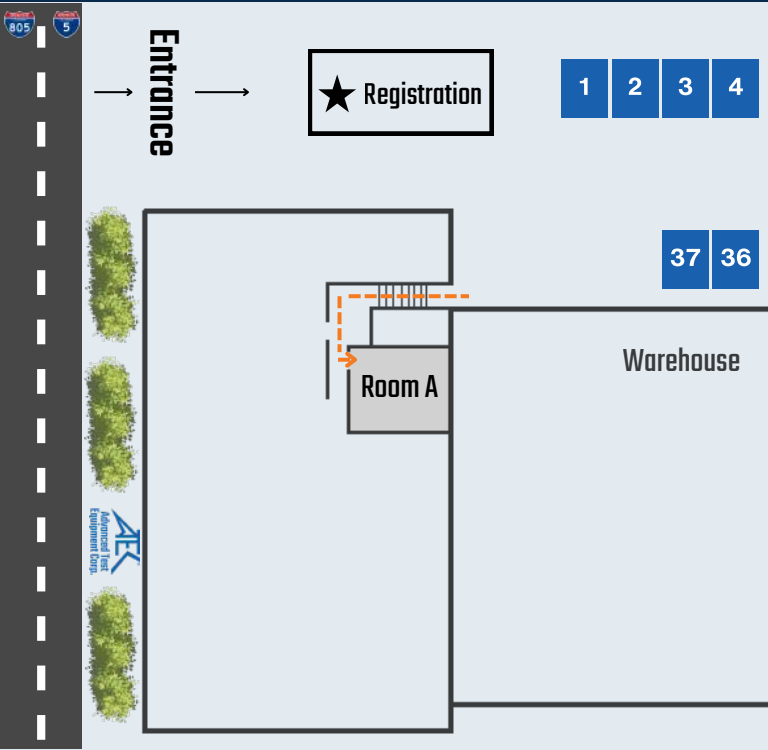
Find floorplans on pages 6 & 7 for the locations of session rooms.

Exhibitor Floorplan



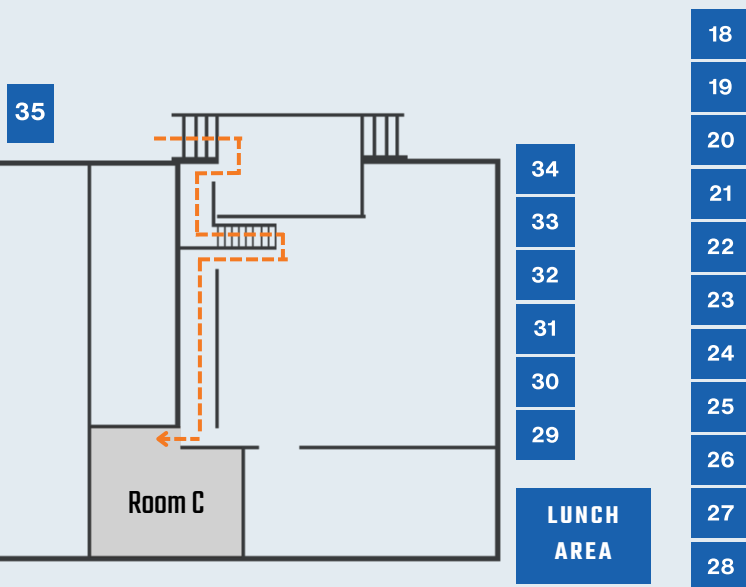
- 13 - Absolute EMC
- 37 - Advanced Amplifiers
- 27 - AEMC Instruments
- 21 - Agilent
- 36 - ATEC
- 9 - Chroma
- 14 - CKC Laboratories Inc.

- 31 - CPI - TMD
- 20 - Element Materials Technology
- 8 - Empower RF
- 6 - ETS Lindgren
- 11 - Evident
- 33 - Faraday Defense Corp.
- 29 - Fluke Networks



30 - Gauss Instruments	10 - Nemko	3 - Rohde & Schwarz
15 - Hipotronics Inc.	32 - Noram SMC Inc.	34 - TDK Lambda Americas
25 - HV Technologies	17 - Omicron Electronics	22 - Teledyne Lecroy
5 - IEEE San Diego	16 - Ophir RF Inc.	4 - TUV SUD
18 - In Compliance Magazine	2 - Pacific Power Source	12 - Vectawave Technology
1 - Julabo	19 - PCTel	
35 - Narda STS / Narda Miteq	7 - Rexgear	

5	6	7	8	9	10	11	12	13	14	15	16	17
---	---	---	---	---	----	----	----	----	----	----	----	----



Meet Our Speakers



Why Is EMC Important in the Design Process?

Dr. Robert C. Scully

EMC Group Lead Engineer
NASA, Johnson Space Center
(Retired)
Denver, CO

10 - 10:30 AM | Building C

Abstract

This presentation discusses the importance of EMC throughout product development and the consequences of treating it as a final compliance hurdle. Attendees will gain practical insight into the technical, business, and project risks of late-stage EMC failures, along with key arguments for integrating EMC into design decisions from the start.



Addressing the Increasing Wireless Requirements for Commercial Aircraft and Aerospace Applications

Dennis Lewis

Technical Fellow
Boeing | Seattle, WA

9 - 9:30 AM | Building C

Abstract

This presentation will give examples of techniques employed to measure bulk absorption used to simulate passenger loading of aircraft, field mapping which is useful for the evaluation of signal coverage and channel interference, as well as signal propagation characteristics. These aircraft shielding measurements are necessary for HIRF certifications.



MIL-STD-810H Method 516 Shock Testing

Clayton Forbes

Technical Director of Product Qualification
Element Materials Technology
Boxborough, MA

1 - 1:30 PM | Building C

Abstract

MIL-STD-810H Method 516 (Shock) evaluates a product's ability to withstand sudden mechanical shocks that may occur during transportation, or operational use. Learn about the procedures for various types of shocks, and drop testing to verify that equipment can survive and continue operating after exposure to various impact forces.



Pre-Compliance Testing during Product Development

Jason Smith

President

AbsoluteEMC | Manassas Park, VA

11 - 11:30 AM | Building C

Abstract

This presentation examines how pre-compliance EMC testing helps engineers identify emissions and susceptibility issues early in development to prevent costly redesigns and project delays. Attendees will learn techniques to troubleshoot EMC problems, understand RF coupling mechanisms, and improve product readiness before formal certification testing.



Drones, UAVs, and Other Airborne Equipment: Options for EMC/OTA/EMP Testing

Ron Ahquist

ETS-Lindgren Sales Engineer

Altamont Technical Services
San Diego, CA

3 - 3:30 PM | Building C

Abstract

Airborne equipment can be exposed to RF signals, which can cause departure risk from controlled flight if the operating conditions are exceeded. This presentation will look at the RF test environments available for exercising the EUT using exposure techniques for different field intensity levels, and some customized options for OTA communication assessment.



Importance of Inspection, Cleaning, and Certification on Fiber Installations

Himanshu Joshi

Western US Rep Manager

Fluke Networks | Everett, WA

1 - 1:30 PM | Building A

Abstract

In fiber optic networks, proper cleaning and inspection are critical first steps to make sure connector integrity and reliable network operation. Certification then ensures installed links meet industry standards and performance requirements. Together, these practices form the foundation for high-performing, dependable fiber infrastructure.



Integrating Cellular: The Path to Certification

Johee Chang

Business Development
TUV SUD | San Diego, CA

10 - 10:30 AM | Building A

Abstract

This presentation explores the evolution of cellular technology, highlighting the benefits of cellular connectivity, certification versus regulatory compliance testing, and best practices for obtaining network approval from mobile operators. Attendees will learn about PTCRB, CTIA, and INC programs, including testing requirements, timelines, costs, and cybersecurity considerations.



Childhood Lead Exposure Assessment Among Westside San Antonio Communities

Dr. Emmanuel Iyegbuniwe

**Founding Director of
the MPH Program**
UT San Antonio | San Antonio, TX

2 - 2:30 PM | Building C

Abstract

This study evaluated environmental lead exposure risks in 10 homes and 2 childcare centers in Westside San Antonio. Researchers assessed lead hazards in paint, dust, and water while also measuring parental awareness of childhood lead exposure to highlight ongoing lead exposure risks in underserved communities and underscore the need for prevention efforts.



Introduction to Partial Discharge Management on High Voltage Apparatus

Mathew Sze

Sales Manager
Omicron | Toronto, Ontario, CA

11 - 11:30 AM | Building A

Abstract

This presentation discusses the fundamentals of partial discharge (PD) phenomena, measurement techniques in accordance with IEC 60270, sensor technologies, and interpretation of PD results. Through practical case studies, attendees will learn how to identify insulation defects, reduce the risk of equipment failure, and improve asset reliability & maintenance planning.



Software Defined Radios for Signal Intelligence and Network Validation

James Zik

**Vice President of
Product Management**

PCTEL
Washington-Baltimore Metro Area

11 - 11:30 AM | Building A

Abstract

This session explores how Software Defined Radios (SDRs) detect, classify, decode, and locate RF signals and interference across technologies including LMR, 4G/5G, Wi-Fi, and NTN. Attendees will learn practical approaches for network deployment, coverage validation, interference hunting, and spectrum analysis to ensure reliable and compliant communications systems.



CALL FOR SPEAKERS

SDTES 2027

Share your knowledge with engineers, technicians, and industry professionals to at the San Diego Test Equipment Symposium

SUBMIT YOUR PRESENTATION TOPIC

Cle@atecorp.com

LEARN MORE

SDTES.org

TOPICS OF INTEREST

- ✓ EMC & EMI
- ✓ RF & Wireless
- ✓ Aerospace & Defense
- ✓ Automotive Testing
- ✓ Battery & Energy Systems
- ✓ Power Electronics
- ✓ NDT & Environmental
- ✓ Test/Measurement Standards & Best Practices

CALL FOR PAPERS OPENS

JANUARY 2027

SDTES 2026 - 11

Meet Our Exhibitors



Absolute EMC supplies a complete range of EMC test equipment, antennas, and accessories for compliance, pre-compliance, and custom testing. Known for practical solutions and expert support, Absolute EMC partners with top manufacturers to help engineers meet global standards efficiently. Learn more at www.absolute-emc.com.



Advanced Amplifiers designs and builds solid-state RF and microwave amplifiers for EMC, military, and communications testing. With broadband coverage, and rugged reliability, their amplifiers deliver precision performance in demanding lab and field environments.



Advanced Test Equipment Rentals (ATEC) flexible rental terms for test and measurement equipment to a wide array of industries, including EMC, power, aerospace, automotive, and environmental testing. With fast delivery, accredited calibration, and expert support, ATEC keeps your projects on schedule and within budget. Learn more at www.atecorp.com.



AEMC® Instruments manufactures professional electrical test and measurement instruments for the industrial, commercial and utility markets. We are an industry leader in ground resistance testers, insulation resistance testers, power quality analyzers and loggers & more. Learn more at www.aemc.com.



Agilent Technologies delivers trusted analytical instruments, software, and services that help laboratories and engineers solve complex measurement challenges. From life sciences and environmental testing to electronics and materials research, Agilent supports innovation through precision and reliability. Learn more at www.agilent.com.



Chroma manufactures battery and power conversion test equipment and automated test systems. Chroma provides test engineers, technicians, and students a wide range of programmable test solutions to meet rigorous standards during R&D, DVT and production phases. Learn more at <https://www.chroma-us.com/>.



Founded in 1973, CKC Laboratories offers customer centered EMC testing, EMI testing, and EMC Design Consultation services. Our customer service oriented laboratory staff is composed of technically expert EMC engineers and technicians. EMI Testing services include FCC, CE, Automotive, Medical, Aerospace, Military, and other global market requirements. Learn more at www.ckc.com.



Communications & Power Industries (CPI) is a global leader in high-power RF and microwave amplification, serving the defense, communications, medical, and industrial markets. With decades of expertise, CPI delivers reliable solutions that enable critical technologies in radar, satellite, and electronic warfare. Learn more at www.cpii.com.



Founded in 1986, Electrom Instruments has been making Winding Analyzers, in Colorado, USA for over 30 years. Learn more at www.electrominst.com.



Element provides testing, inspection, and certification services that help manufacturers ensure product performance, safety, and compliance. Serving industries from aerospace and energy to electronics and transportation, Element delivers accurate results and expert guidance from start to finish. Learn more at www.element.com.



Empower RF Systems develops high-performance solid-state power amplifiers for EMC, defense, communications, and industrial applications. Combining modular architecture with intelligent control, Empower amplifiers deliver scalable power, reliability, and real-time system monitoring. Learn more at www.empowerRF.com.



ETS-Lindgren designs, manufactures and installs EMC/EMI, RF/Microwave, MIMO/OTA, and Acoustic test and measurement systems and components. Our patented technology has resulted in many milestones: the world's first CTIA Authorized Test Lab and the first oversize RF shielded sliding door for full vehicle test chambers. Our full line of EMP/EMI products is the first to be independently tested and certified. Services include calibration at our A2LA accredited calibration lab.



Evident designs and manufactures advanced microscopy, imaging, and nondestructive testing (NDT) solutions that equip engineers and researchers with high precision measurement tools and capabilities while ensuring quality. From industrial inspection to life sciences, Evident delivers innovation built on accuracy and reliability. Learn more at www.evidentscientific.com.



Faraday Defense Corp. is an industry-leading manufacturer of RF Shielding textiles, bags and enclosures. Faraday Defense offers customs solutions that are tailored to exceed the requirements of its clients. Learn more at www.faradaydefense.com



Fluke Networks is the worldwide leader in certification, troubleshooting, and installation tools for professionals who install and maintain critical network cabling infrastructure. From installing the most advanced data centers to restoring telephone service after a disaster, our combination of legendary reliability and unmatched performance ensures that jobs are done efficiently. Learn more at www.flukenetworks.com



Gauss Instruments is a leading innovator in EMI and EMC test receivers, known for its advanced TDEM[®] technology that enables ultra-fast, high-precision measurements. Supporting compliance with global standards, Gauss Instruments delivers cutting-edge solutions for automotive, aerospace, and industrial EMC testing. Learn more at www.gauss-instruments.com



HIPOTRONICS, a Hubbell company, designs and manufactures high-voltage test and measurement equipment for the power industry. Its products include AC/DC hipot testers, dielectric and insulation test systems, partial discharge analyzers, cable fault locators, and transformer testing solutions used to ensure the safety and reliability of electrical equipment. Learn more at www.hubbell.com/hipotronics.



HV TECHNOLOGIES, Inc. (HVT) provides high-voltage and EMC test equipment for compliance, research, and production environments. Serving industries from automotive to aerospace, HVT delivers reliable, state-of-the-art solutions for surge, impulse, and dielectric testing worldwide. Learn more www.hvtechnologies.com



The IEEE San Diego Section connects engineers, researchers, and professionals across Southern California's technology community. Through technical talks, workshops, and networking events, the chapter promotes innovation, collaboration, and professional growth in electrical and electronic engineering. Learn more at www.sandiego.ieee.org.



In Compliance Magazine features a plethora of worldwide regulatory compliance issues for the electronics industry. We offer monthly technical articles from industry-leading authors on topics such as standards updates and changes, products, services, and more! Visit our website, activate your free magazine subscription (available in print or digital), and sign up for our weekly e-newsletter for regular updates. Learn more at www.incompliancemag.com.



JULABO USA is the leader in dynamic, precise temperature control solutions such as refrigerated and heating circulators, temperature control systems, recirculating and industrial chillers, water baths, immersion coolers, and complementary accessories. Their equipment inventory is vital in a variety of applications such as material testing and analysis, extrusions, temperature simulations and more. Learn more at www.julabo.us.



Narda Safety Test Solutions is a world leader in EMF and RF measurement technology, delivering trusted instruments for EMC testing, spectrum monitoring, and electromagnetic safety. With decades of expertise, Narda provides precise, reliable tools that help engineers, regulators, and technicians ensure compliance and protect people and equipment. Learn more at www.narda-sts.com.



Nemko provides testing, inspection, and certification services that help manufacturers access global markets with confidence. From EMC and safety compliance to environmental and wireless testing, Nemko ensures products meet international standards. Learn more at www.nemko.com.



Noram-SMC Inc. provides advanced electrical test and measurement solutions for the power and utility industry. Its product portfolio includes relay test systems, circuit breaker analyzers, primary and secondary injection test equipment, and diagnostic tools used for commissioning, maintenance, and validation of electrical power systems. Learn more at www.smcint.com.



Ophir RF designs and manufactures solid-state RF and microwave amplifiers for EMC testing, communications, and defense applications. Known for reliability and performance, Ophir amplifiers deliver high power, wide bandwidth, and precision for the most demanding test environments. Learn more at <https://ophirrf.com>



OMICRON develops advanced testing, measurement, and diagnostic solutions for the electrical power industry. Its product portfolio includes protection relay test sets, primary injection systems, transformer and circuit breaker analyzers, IEC 61850 testing tools, and power system monitoring solutions used for commissioning, maintenance, and reliability assessments. Learn more at www.omicronenergy.com.



Pacific Power Source designs and manufactures advanced AC, DC, and AC/DC power solutions for testing, simulation, and compliance. Trusted worldwide, our programmable power systems deliver precision, reliability, and flexibility for aerospace, defense, and industrial applications. Learn more <https://www.pacificpower.com>



PCTEL, an Amphenol company, develops wireless connectivity and RF test solutions for critical communications networks. Its products include antennas, scanning receivers, spectrum monitoring systems, and network testing tools used to design, optimize, and validate 5G, public safety, and industrial wireless networks. Learn more at www.pctel.com.



REXGEAR is a power solutions expert and testing equipment provider, delivering advanced systems for high power, new energy, automotive, and battery industries. Since 2017, we have partnered with leading manufacturers to offer a one-stop shop for power supplies, regenerative systems, battery cyclers, environmental and EMC testing equipment. With a focus on customer success, we combine high-quality products with professional consultancy, technical support, and after-sales service. Learn more at www.rexgear.com.



At Rohde & Schwarz, we drive innovation in test and measurement, communications, and EMC solutions. Our instruments empower engineers to design, validate, and certify technologies shaping the connected world—delivering precision, reliability, and performance you can trust. Learn more at <https://www.rohde-schwarz.com>



TDK-Lambda Americas, Inc. is a leading manufacturer of high reliability Low/High Voltage Programmable DC Power Supplies, AC Sources, High Voltage Capacitor Chargers and DC Electronic Loads. Programmable DC products include the GENESYS™ Series, the GENESYS+™ Series, the ALE Series and the SFL Series. For more information, please visit <https://www.us.lambda.tdk.com>.



Teledyne LeCroy is a leading provider of test and measurement solutions for electronics design, validation, and debugging. Its portfolio includes high-performance oscilloscopes, protocol analyzers, waveform generators, and signal analysis tools used to test high-speed digital, RF, automotive, aerospace, and communications systems. Learn more at www.teledynelecroy.com.



TÜV SÜD is a global leader in testing, inspection, and certification, helping manufacturers ensure safety, quality, and compliance with international standards. From EMC and product safety to environmental testing, TÜV SÜD supports innovation with trusted expertise. Learn more at <https://www.tuvsud.com>.



Vectawave manufactures high-end, highly dependable, high power RF amplifiers for EMC test applications, where load tolerance is a necessity. Learn more at www.vectawave.com.

Ready for Next Year?

SAN DIEGO

**TEST EQUIPMENT
SYMPOSIUM**

2027

Contact **Carmen Le** at cle@atecorp.com
or events@atecorp.com

sponsorship opportunities ~ booth inquiries ~ speaker abstract submissions