

2022 MINNESOTA EMC EVENT

THURSDAY - SEPTEMBER 29, 2022 - 8:00 A.M. TO 4:00 PM
MINNEAPOLIS AIRPORT MARRIOTT
2020 AMERICAN BLVD EAST, BLOOMINGTON, MINNESOTA
952-854-7441

COORDINATED BY:
HOOLIHAN EMC CONSULTING AND GERRY ZANDER--MURNCO
IN COOPERATION WITH
ELEMENT MATERIALS TECHNOLOGY, NTS LABS, AND TÜV SÜD AMERICA INC

Register Now - See Below

The purpose of the EMC Event will be to offer the latest information on EMC standards and EMC techniques for compliance with the standards and testing for conformity assessment to well-known national, regional, and international standards. This year's keynote speaker will be Doug Kramer, of ETS-Lindgren, presenting "EMC Antennas and Radiated Emission Standards for Regulatory Requirements". The remaining parallel presentations will cover EMC information from recognized experts in EMC engineering.

The 2022 Minnesota EMC Event should be of interest to electrical and mechanical engineers, electronic technicians, technical managers of product development efforts, quality assurance personnel, regulatory engineers and managers, and other personnel involved with design and maintenance of products having to comply with national and international EMC regulatory requirements.

TABLE TOP EXHIBITION

Table-Top Displays (Exhibits) will be open throughout the day for participants to review EMC product and service offerings. Lunch and Coffee Breaks will also be served in the exhibits area.

PROGRAM [We reserve the right to substitute speakers and topics as needed.]

Exhibits open from 8:00 am 4:00 pm

8:00 - 9:00	Registration & Check-in		
	TRACK 1 MODERN EMC	TRACK 2 EMC TESTING LABS	TRACK 3 GENERAL EMC
9:00 - 10:00	<u>Doug Kramer, ETS-Lindgren – Austin, TX</u> "EMC Antennas and Radiated Emissions Standards for Regulatory Requirements"	<u>SEE TRACK 1</u>	<u>SEE TRACK 1</u>
10:00 - 10:30	Break		
10:30 - 11:30	<u>Dominick Vierling, Keysight Technologies – Santa Rosa, CA</u> "Latest Developments in Spectrum Analyzers for EMC"	OR <u>Erik Borgstrom, Element Materials Technology – Bloomington, MN</u> "Illuminating Trouble: Problems with Direct Illumination Susceptibility Testing in a Semi-Anechoic Chamber – Corrections to DO-160G Section 20.5"	OR <u>Matthew Nuernberg, Boston Scientific – Maple Grove, MN</u> "EMC Risk Management and Design Compliance for Medical Devices"
11:30 - 12:30	Lunch (included in registration fee)		
12:30 - 13:30	<u>Merritt Pulkrabek, Approve-IT – Bloomington, MN</u> "Troubleshooting the Globe – Worldwide Regulatory Standards for EMC Requirements"	OR <u>Franklin Rose, TÜV SÜD America – New Brighton, MN</u> "An Overview of Wireless Radio Integration"	OR <u>Dustin Morris, F3 Wireless – Minneapolis, MN</u> "IoT Chipset vs Module Considerations"
13:30 - 14:00	Break		
14:00 - 15:00	<u>Charlie Cooper, Collins Aerospace – Burnsville, MN</u> "RTCA DO-160 Testing"	OR <u>Scott Carlson, NTS Labs – Minneapolis, MN</u> "Methods of Measuring Shielding Effectiveness Using a Reverberation Chamber, G-Tem, and Anechoic Chamber"	OR <u>Daniel D Hoolihan, Chair, ANSI-ASC C63 on EMC – Lindstrom, MN</u> "Latest Activities in the C63 Committee on EMC"
15:00 - 16:00	Drawing for prizes in the Exhibits Area. Must be present to win.		

REGISTRATION FEE \$375 if Registration received by September 8, 2022.

\$450 if Registration received after September 8, 2022.

CANCELLATIONS MUST BE MADE BY SEPTEMBER 8, 2022 TO RECEIVE A REFUND.

Please EMAIL Registration to DanHoolihanEMC@aol.com, or register on-line at www.mnemcevent.com.

REGISTRATION FORM

THE MN EMC EVENT WILL FOLLOW ALL COVID-19 RULES FROM THE MARRIOTT HOTEL, MINNESOTA LAWS, AND UNITED STATES CDC GUIDELINES.

Name: _____
Company: _____
Address: _____
City/State/ZIP: _____
Telephone: _____
FAX: _____
Email: _____

PAYMENT OPTIONS

**PREFERRED PAYMENT AVENUE IS PAYPAL
OR CREDIT CARD PAYMENT**

Credit Card Payment:
Name on Card: _____
Billing Address _____
on CC statement _____
(req'd for CC pmt) _____
Credit Card #: _____
Expiration: _____ Amount \$ _____
Signature: _____
OR Mail Check to: Hoolihan EMC Consulting,
Box 367
Lindstrom MN 55045