

# 2018 MINNESOTA EMC EVENT

THURSDAY - SEPTEMBER 20, 2018 - 8:00 A.M. TO 4:00 PM  
MINNEAPOLIS AIRPORT MARRIOTT  
2020 AMERICAN BLVD EAST, BLOOMINGTON, MINNESOTA  
952-854-7441

SPONSORED BY:  
HOOLIHAN EMC CONSULTING AND GERRY ZANDER-MURNCO  
IN COOPERATION WITH  
INTERTEK, ELEMENT MATERIALS TECHNOLOGY AND TÜV SÜD AMERICA

[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 Event features the same format as last year. Mike Howard will be our keynote speaker during the first session. The remaining parallel presentations will cover EMC information from recognized experts in EMC engineering.

The 2018 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	<b>Mike Howard, Founder of Liberty Labs</b> "Antennas for EMC Testing"	<b>SEE TRACK 1A</b>	<b>SEE TRACK 1A</b>
10:00 - 10:30	Break		
10:30 - 11:30	<b>John Severson, ESDI - Minnetonka, MN</b> "PCB Layout for EMC"	<b>OR</b> <b>Maja Bland, TÜV SÜD America - New Brighton, MN</b> "Regulatory Changes and Updates, including a spotlight on South Africa"	<b>OR</b> <b>Joel Peltier, Medtronic - Minneapolis, MN</b> "EMC and Radio Standards for Medical Equipment Incorporating Wireless Technologies"
11:30 - 12:30	Lunch (Included in registration fee)		
12:30 - 13:30	<b>Daryl Gerke, Kimmel and Gerke Associates - New Brighton, MN</b> "Design for EMC - Ten Electrical and Mechanical Problems and Solutions"	<b>OR</b> <b>Matt Nuernberg, Element Materials Technology - Brooklyn Park, MN</b> "Wireless Coexistence Testing"	<b>OR</b> <b>Scott Niemiec, Rohde &amp; Schwarz</b> "How to Analyze Pulsed/Intermittent Signals with Time Domain Scan & Real-Time Spectral Analysis"
13:30 - 14:00	Break		
14:00 - 15:00	<b>Dennis Swanson, Honeywell - Minneapolis, MN</b> "MIL-STD-461G Requirements"	<b>OR</b> <b>Nicholas Abbondante, Intertek - St Paul, MN</b> "Host Level FCC Testing of Radio Modules by Final Integrators"	<b>OR</b> <b>Jack Black, D.L.S. Electronic Systems - Wheeling, IL</b> "The Radio Equipment Directive (RED)"
15:00 - 16:00	Drawing for prizes in the Exhibits Area. Must be present to win.		

**REGISTRATION FEE - \$295 if Registration received by September 07, 2018.**

**\$350 if Registration received after September 07, 2018.**

**CANCELLATIONS MUST BE MADE BY SEPTEMBER 07, 2018 TO RECEIVE A REFUND.**

Please EMAIL Registration to [DanHoolihanEMC@aol.com](mailto:DanHoolihanEMC@aol.com), or register on-line at [www.mnemcevent.com](http://www.mnemcevent.com).

## REGISTRATION FORM

Participants will receive presentations on a USB device.

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