2022 IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY & SIGNAL/POWER INTEGRITY

EMC+SIPI 2022

AUGUST 1 - 5

SPOKANE, WASHINGTON

REGISTRATION IS OPEN!



TOP 10 REASONS TO ATTEND THE EMC+SIPI 2022 IN SPOKANE, WASHINGTON

1. **Participate in More Than 200 Technical Sessions,** Workshops & Tutorials, Hands on Experiments & Demonstrations, and Special Sessions with the world's leading engineers in EMC and SIPI.

2. **Attend the keynote, *Return-to-Flight Electromagnetic Measurements: The NASA Shuttle Ascent Debris Radar System,*** presented by Dr. Brian M. Kent, Ph.D., Fellow, IEEE, AMTA, Independent Aerospace Consultant.

3. Balanis is Back by Popular Demand! **Regents' Professor Emeritus Constantine Balanis with Arizona State University returns to present his popular short course, *Antennas: The Structural Elements of EMC*** with returning EMC Society Distinguished Lecturers Zhong Chen and Dennis Lewis.

4. **Accelerate your Understanding of EMC and SIPI! The Clayton R. Paul Global University Short Course** offers an intensive study by an accomplished team of instructors.

5. **Visit the Expansive 75,000 sq ft (7,000 sq m) Exhibition Hall** to Discover New Technologies, Instrumentation, Services, and Solutions related to EMC and SIPI.

6. **Attend the "Ask the Experts" Panels** on topics addressing Accreditation and Recognition of Telecom Test Labs, ATX v3.0 Power Supply Specification, IBIS and Signal/Power Integrity, Electromagnetic Effects, as well as the Havana Syndrome. Bring your questions or simply listen and learn from the experts!

7. **Participate in LIVE Demonstrations** presented by industry experts to learn how to solve real-world problems. This popular program complements the technical presentations by providing a hands-on approach to learning about inductance, ground bounce, common mode energy, loop impedance, and other exciting topics.

8. **Network with Friends and Colleagues** during the Welcome Reception, the Gala Dinner, Young Professionals, and Women in Engineering events.

9. **Learn about the latest and future Global Standards in EMC and SIPI,** hear updates, ask questions, and attend Working Group Meetings as part of the **"Standards Week" special track.**

10. **Bring the Family and Experience the unique and vibrant city of Spokane,** home to the largest urban waterfall. **Exciting tours are available. Companions are invited to the Social Events** to enjoy the food and entertainment. The **Youth Technical Program** will stimulate the minds of future engineers.

VISIT THE WEBSITE TO SEE THE PRELIMINARY DETAILS

CLAYTON R. PAUL GLOBAL UNIVERSITY

The Clayton R. Paul Global University (CRPGU) course is the educational highlight of the Society's calendar presenting a range of advanced EMC + SIPI knowledge, delivered by outstanding and internationally renowned teachers from around the world.

This year marks Global University's 15th anniversary. The topics for this year are those that have been proven to be valuable to participants in the "virtual format" of the last two symposia. The planned return to an in-person event will now provide attendees with a significantly enhanced learning experience, due to the ability for interaction between instructors and attendees, as well as providing networking among attendees.

Advance your EMC knowledge and career with 20 hours of in-depth learning!

DAY	US PACIFIC TIME (PDT)	TITLE	LECTURER
TUES, AUG 2	8:00 am - 10:00 am	Signal Spectra	Dr. Flavia Grassi
TUES, AUG 2	10:30 am - 12:30 pm	Real and Ideal Components	Dr. Anne Roc'h
TUES, AUG 2	1:00 pm - 3:00 pm	Conducted Emissions	Dr. Shuo Wang
TUES, AUG 2	3:30 pm - 5:30 pm	Antennas	Mr. Zhong Chen
WED, AUG 3	8:00 am - 10:00 am	Shielding	Dr. Frank Leferink
WED, AUG 3	10:30 am - 12:30 pm	Power Integrity	Dr. Chulsoon Hwang
WED, AUG 3	1:00 pm - 3:00 pm	Electrostatic Discharge	Dr. Todd Hubing
WED, AUG 3	3:30 pm - 5:30 pm	PCB & System Design for EMC	Dr. Bruce Archambeault
THURS, AUG 4	8:00 am - 10:00 am	Crosstalk	Dr. Arturo Mediano
THURS, AUG 4	10:30 am - 12:30 pm	Radiated Emissions	Mr. Lee Hill

Attendees may qualify for IEEE professional development hours (PDH) and continuing education units (CEU) certificates.

INSTRUCTORS

The course will begin with a short introduction followed by ten presentations that will be designed to encourage attendees' questions and will allow the attendees to have opportunities for discussions with the speakers after the tutorial.



Dr. Bruce Archambeault
Adjunct Professor, Missouri University of Science & Technology
IBM Distinguished Engineer Emeritus
Principal, Archambeault EMI/EMC Enterprises
IEEE Fellow
Immediate Past President, IEEE EMC Society



Dr. Todd Hubing
Professor Emeritus, Clemson University
IEEE Fellow, ACES Fellow
Past President, IEEE EMC Society



Dr. Arturo Mediano
Professor,
University of Zaragosa



Mr. Zhong Chen, MSEE
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Chair of ASC ANSI C63 Subcommittee 1



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Dr. Anne Roc'h
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Dr. Flavia Grassi
Associate Professor, Politecnico Milano
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Professor, University of Twente
Technical Authority, THALES Nederland
IEEE Fellow



Dr. Shuo Wang
Professor, University of Florida
IEEE Fellow
Director, Power Electronics and Electrical Power Research Lab
Chair, IEEE EMC SC5



Mr. Lee Hill, MSEE
MSEE, Missouri University of Science & Technology
Founding Partner, SILENT Solutions LLC & GmbH
Adjunct Faculty, Worcester Polytechnic Institute (WPI)
Associate Tutor, University of Oxford

Please view the instructor biographies available on the Symposium website.

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CROSSTALK

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