

WELCOME TO THE 2014 AWARDS LUNCHEON

IEEE International Symposium on Electromagnetic Compatibility



EMCawards

IEEE | 2014

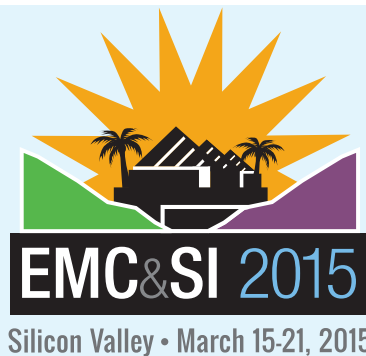


Thank you to the attendees of the 2014 IEEE International Conference on Signal and Power Integrity for joining us in Raleigh at EMC 2014!

DON'T MISS OUT ON THESE TWO IEEE EMC SOCIETY SPONSORED SYMPOSIUMS IN 2015

2015 IEEE Symposium on Electromagnetic Compatibility & Signal Integrity

Located in the heart of the Great Silicon Valley, Santa Clara, California is home to thousands of the largest high-tech companies in the United States. The region is one of the top research and development centers in the world. This makes the area a perfect location to host the EMC&SI 2015 Symposium. Every year EMC Engineers convene from around the world to stay abreast in the current EMC & SI technology and trends. The IEEE EMC Society invites you to attend this most valuable conference to cooperate with like-minded individuals and to learn from respected industry professionals.



Keeping Interference at Bay

www.emc2015usa.emcss.org

Joint IEEE International Symposium on Electromagnetic Compatibility and EMC Europe, Dresden 2015



Where Baroque Meets High-Tech

The international IEEE EMC Symposium is taking a journey to the heart of Europe to team up with EMC Europe, the well-established forum for the European EMC Community. Dresden, located in the heart of Europe, is the gateway to the emerging markets of Central and Eastern Europe. In addition, Germany is the world's fifth largest economy. Do not miss this unique event connecting EMC experts from around the globe in the beautiful baroque city of Dresden.

www.emc2015.org

2014 IEEE International Symposium on Electromagnetic Compatibility

EMC LIGHTS THE WAY!



2014 EMC SOCIETY AWARDS LUNCHEON

Thursday, 7 August 2014
Raleigh Convention Center
Raleigh, North Carolina

2014 AWARDS LUNCHEON PROGRAM

EMC Society President's Memorial Award

(Presented in memory of Clayton R. Paul and Edwin Lee Bronaugh)

Ketan Shringarpure, Missouri University of Science and Technology

For outstanding work in the area of power distribution network (PDN) modeling

Second Year Follow-on Award

Hung-Chuan Chen, National Taiwan University

For significant technical contributions to noise mitigation and modeling techniques

Hall of Fame Award

Henry Ott

For decades of outstanding service to the EMC community as a leader in EMC education, research and consulting

Johan Catrysse

For dedicated research on the characterization of the high-frequency shielding effectiveness of materials and gaskets

Bob Hofmann

For extended and exemplary professional service to the EMC Society Board of Directors as well as the Chicago EMC Chapter over the last thirty years

IEEE Fellow Award

Brice D. Achkir

For contributions to diagnostics of physical layer design in gigabit digital transmission systems

Marcos Rubinstein

For contributions to modeling lightning and its electromagnetic effects

Technical Achievement Award

Yoshihiro Baba

For outstanding contributions to lightning electromagnetics

James C. Klouda Memorial Scholarship Award

Benjamin Toby, Missouri University of Science and Technology

For demonstrating outstanding potential for contributions to EMC as an EE undergraduate student

Richard B. Schulz Best Transactions Paper Award

Statistics of the Reradiated Spectrum from Multiple Nonlinear Devices in a Reverberation Chamber

Jiaqi, C.¹; Marvin, A.C.²; Flintoft, I.D.²; Dawson, J.F.² *Electromagnetic Compatibility, IEEE Transactions on*, Volume: 55, Issue: 1

¹Emerson Industrial Automation in Newtown, Powys, UK, ²University of York, North Yorkshire, UK

EMC Symposium - Best Paper Award

On Modeling Wireless Radio-Frequency Energy Propagation in Below-Deck Ship Spaces

Gregory Tait and Carl Hager, Naval Surface Warfare Center, Dahlgren, VA, USA

EMC Symposium - Best Student Paper Award

Modeling Electromagnetic Radiation at High-Density PCB/Connector Interfaces

Xinxin Tian¹, Matthew Halligan², Xiao Li², Kiyeong Kim³, Hung-Chuan Chen⁴, Samuel Connor⁵, Bruce Archambeault⁶, Michael Cracraft⁶, Albert Ruehli², and James Drewniak²; ¹Huazhong University of Science and Technology, Wuhan, China, ²Missouri University of Science and Technology, Rolla, MO, USA, ³Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea, ⁴National Taiwan University, Taipei, Taiwan, ⁵IBM Corporation, Research Triangle Park (RTP), NC, USA, ⁶IBM Corporation, Poughkeepsie, NY, USA

SI/PI Conference - Best Paper Award

Designing A 3D Printing Based Channel Emulator

Xiangyang Jiao¹, Hui He¹, Guanghua Li¹, David Pommerenke¹, Wei Qian¹, Guangyao Shen¹, Chong Ding², Douglas White², Stephen Scarse² and Yaochao Yang²; ¹Missouri University of Science and Technology Rolla, MO, USA, ²Cisco Systems, Inc., San Jose CA, USA

SI/PI Conference - Best Student Paper Award

On Finding the Optimal Number of Decoupling Capacitors by Minimizing the Equivalent Inductance of the PCB PDN

Ketan Shringarpure¹, Biyao Zhao¹, Leihao Wei², Bruce Archambeault³, Albert Ruehli¹, Michael Cracraft⁴, Matteo Cochini⁴, Edward Wheeler², Jun Fan¹, and James Drewniak¹; ¹Missouri University of Science and Technology, Rolla, MO, USA, ²Rose-Hulman Institute of Technology, Terre Haute, IN, USA, ³IBM Corporation, Research Triangle Park (RTP), NC, USA, ⁴IBM Corporation, Poughkeepsie, NY, USA

Best Student Design Award

Shubhankar Marathe & Giorgi Maghlakelidze Missouri University of Science and Technology

Technical Committee of the Year Award

TC10 (Signal and Power Integrity) for outstanding performance during August 2013 - August 2014

Most Improved Technical Committee Award

TC6 (Spectrum Engineering) for the most improvement during August 2013 - August 2014

Chapter Founder Award

Abdelber Bendaoud

For forming the Algeria EMC Chapter

Bandaru Subbarao

For forming the Madras, India EMC Chapter

Lajos Nagy

For extending to EMC the joint AP/COM/ED/MTT Hungary Chapter

Dale Svetanoff

For forming the Cedar Rapids, Iowa EMC Chapter

Chapter of the Year Award

IEEE Taipei Section EMC Chapter

Most Improved Chapter Award

IEEE Rock River Valley Section EMC Chapter

Symposium Chair Award

Danny Odum

For organizing a successful EMC Society International Symposium in Denver, Colorado, August 2013

Certificate of Acknowledgement

Johan Catrysse

For outstanding service as the Conference Chairperson of EMC Europe 2013, Brugge, Belgium

Davy Pissoor

For outstanding service as the Conference Co-Chairperson of EMC Europe 2013, Brugge, Belgium

Franz Schlagenhauer

For outstanding service as the Conference Chairperson of the 2013 Asia Pacific International Symposium on EMC (APEMC 2013)

Jose Schutt-Aine

For outstanding service as the Conference Chairperson of the 17th IEEE Workshop on Signal and Power Integrity (SPI 2013)

Osami Wada

For outstanding service as the Conference Chairperson of the 9th Workshop on EMC of Integrated Circuits (EMC COMPO 2013)

Certificate of Recognition

Sue Archambeault

For outstanding service as the 2014 IEEE International Symposium Companion Program Co-Chair

Rhonda Rodriguez

For outstanding service as the Arrangements Co-Chair for the 2014 IEEE International Symposium on EMC

Bonnie Brench

For outstanding service as the Registration Chair for the 2014 IEEE International Symposium on EMC

Judy Rohrbaugh

For outstanding service as the 2014 IEEE International Symposium Companion Program Co-Chair

Beth Scully

For outstanding service as the 2014 IEEE International Symposium Teacher and Educator Program Chair

IEEE Transactions on Electromagnetic Compatibility: 2013 Distinguished Reviewers

Guido Ala, University of Palermo, Italy
Guillaume Andrieu, University of Limoges, France
Yoshihiro Baba, Doshisha University, Kyoto, Japan
Kai Borgeest, Aschaffenburg University of Applied Science, Germany

Charles F. Bunting, Oklahoma State University, Oklahoma

Johan Catrysse, K.U. Leuven University, Belgium
David A. Hill, National Institute of Standards and Technology, Colorado

Grzegorz Maslowski, Rzeszow University of Technology, Poland

Franco Moglie, Università Politecnica delle Marche, Ancona, Italy

Albert E. Ruehli, Missouri University of Science and Technology

Ramiro Serra, Eindhoven University of Technology, The Netherlands

Hua Zeng, Hitachi America, Farmington Hills, Michigan

Certificate of Appreciation

Sam Connor

For outstanding service as the Vice Chair for the 2014 IEEE International Symposium on EMC

John LaSalle

For outstanding service as the Treasurer for the 2014 IEEE International Symposium on EMC

Bob Davis

For outstanding service as the Secretary for the 2014 IEEE International Symposium on EMC

Todd Hubing

For outstanding service as the Technical Program Chair for the 2014 IEEE International Symposium on EMC

Jun Fan

For outstanding service as the Technical Papers Chair for the 2014 IEEE International Symposium on EMC

John Maas

For outstanding service as the Workshop/Tutorial Chair for the 2014 IEEE International Symposium on EMC

Colin Brench

For outstanding service as the Special Sessions Chair for the 2014 IEEE International Symposium on EMC

Jay Diepenbrock

For outstanding service as the Demonstrations/Experiments Co-Chair for the 2014 IEEE International Symposium on EMC

Bob Scully

For outstanding service as the Demonstrations/Experiments Co-Chair for the 2014 IEEE International Symposium on EMC

Mike Violette

For outstanding service as the Marketing Chair for the 2014 IEEE International Symposium on EMC

John Rohrbaugh

For outstanding service as the Publications Chair for the 2014 IEEE International Symposium on EMC

Guy deBurgh

For outstanding service as the Exhibits Chair for the 2014 IEEE International Symposium on EMC

Amy Pinchuk

For outstanding service as the Youth Technical Program Coordinator for the 2014 IEEE International Symposium on EMC

Dennis Lewis

For outstanding service as the Arrangements Co-Chair for the 2014 IEEE International Symposium on EMC

Antonio Orlandi

For outstanding service as the Global University Chair for the 2014 IEEE International Symposium on EMC

Steve Scarse

For outstanding service as the Volunteer Co-Chair for the 2014 IEEE International Symposium on EMC

Paul Franzone

For outstanding service as the Volunteer Co-Chair for the 2014 IEEE International Symposium on EMC

Janet O'Neil

For outstanding service as the 2014 IEEE International Symposium on EMC Special Liaison and Advisor

Dave Staggs

For outstanding service as the 2014 IEEE International Symposium on EMC Special Advisor

Kevin Schiff

For outstanding service as the Post Symposium Chair for the 2014 IEEE International Symposium on EMC

Jun Fan

For outstanding service for serving as the embedded SI/PI Conference Chair for the 2014 IEEE International Symposium on EMC

Er-Ping Li

For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Albert Ruehli

For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Dan Jiao

For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Dale Becker

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Brice Achkir

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Dan Oh

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Antonio Orlandi

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Madhavan Swaminathan

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For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Olena Zhu

For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

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For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Antonio Ciccomancini

For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Eric Bogatin

For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Zhiping Yang

For outstanding service organizing technical sessions for the embedded Signal & Power Integrity Conference within the 2014 IEEE International Symposium on EMC

Sam Connor

For outstanding service as an EMC Society Distinguished Lecturer for the term 2012-2013

Christian Schuster

For outstanding service as an EMC Society Distinguished Lecturer for the term 2012-2013

Jong-Gwanyook

For outstanding service as an EMC Society Distinguished Lecturer for the term 2012-2013

Madhavan Swaminathan

For outstanding service as an EMC Society Distinguished Lecturer for the term 2012-2013

Chuck Bunting

For outstanding service to the EMC Society as a member of the EMC Society Board of Directors, 2011-2013

Robert Davis

For outstanding service to the EMC Society as a member of the EMC Society Board of Directors, 2011-2013

Todd Hubing

For outstanding service to the EMC Society as a member of the EMC Society Board of Directors, 2011-2013

Liuji Koga

For outstanding service to the EMC Society as a member of the EMC Society Board of Directors, 2011-2013

Edward Hare

For outstanding service to the EMC Society as a member of the EMC Society Board of Directors, 2011-2013

Donald Sweeney

For outstanding service to the EMC Society as a member of the EMC Society Board of Directors, 2011-2013

In Memoriam - Ralph Showers (1918-2013)