

2017 IEEE EMC Society Annual Awards Luncheon

AUGUST 10, 2017

Completed Careers

In Memoriam

Richard (Dick) Ford (1941-2016)

Peter L. Richman (1928-2016)

Don White (1927-2017)



EMC Society President's Memorial Award



*Presented in memory of
William "Bill" Duff*

Biyao Zhao

For contributions to power distribution network modeling and design in printed circuit

Richard R. Stoddart Award for Outstanding Performance



Dick Stoddart organized Stoddart Aircraft Radio Company which designed and manufactured radio receivers and transmitters for aircraft, principally the aircraft which were being ferried to Europe to assist the British in World War II. With the help of an Air Force contract in 1944, Dick and several of his engineers designed and manufactured the first Very High Frequency (VHF) receiver which was continuously tunable over the range 100 MHz to 400 MHz. The instrument utilized the average detector and the quasi-peak detector and was used to measure narrowband emissions and the "nuisance value" of broadband emanations.

Richard R. Stoddart Award for Outstanding Performance



Antonio Orlandi

For outstanding contributions to the fundamental knowledge and design of planar EBG based common mode filters for high-speed printed circuit boards

Laurence G. Cumming Award for Outstanding Service

As Technical Secretary of the Institute of Radio Engineering (IRE) Technical and Professional Groups from 1946 to 1962, he was instrumental in organizing the Group structure of the Institute of Electrical and Electronic Engineers (IEEE). He was involved with the administrative duties of 25 Technical Committees. He was mentioned in the first EMC Newsletter (The Professional Group on Radio Frequency Interference Newsletter – Number 1 – January 2, 1958) as being a significant contributor of time and effort to get the Professional Group on RFI organized. He attended Administrative meetings of the Professional Group on RFI in their early years to assist in their administrative decision-making duties.

Laurence G. Cumming Award for Outstanding Service



Donald Sweeney

For years of outstanding service to the EMC community,
particularly in the area of EMC education

Hall of Fame Award



Marcello D'Amore

For outstanding service to the EMC Society and for pioneering work on nano-EMC and multiconductor transmission line modeling

Hall of Fame Award



Donald Heirman

For outstanding service to the EMC Society and the Board of Directors including a term as President (1980-1981) and multiple terms as Vice President for Standards

IEEE Fellow Elevation



Gerald Vernon Cooray

For contributions to understanding of the physics of lightning and lightning protection

IEEE Fellow Elevation



Akimasa Hirata

For contributions to safety assessment and standardization of human exposure to electromagnetic fields

Technical Achievement Award



Bhyrav Mutnury

For significant contributions to modeling and design methodologies for EMI and to signal integrity in high-speed computer and networking product designs

Technical Achievement Award



Yihong Qi

For significant contributions to advanced electromagnetic designs in wireless communications including handheld devices and wireless testing

Technical Achievement Award



Ferran Silva

For significant contributions to the analysis of the effects of transient pulses on digital systems and to time-domain measurement techniques

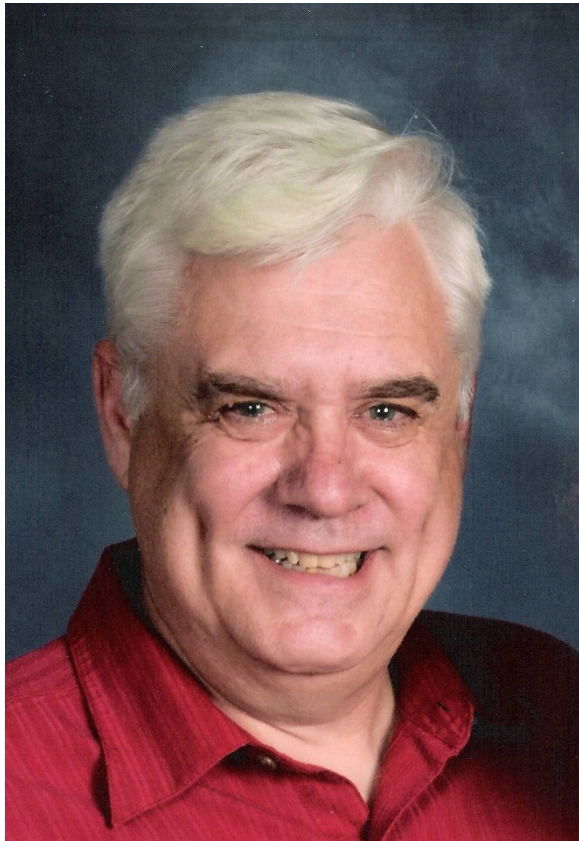
Technical Achievement Award



Chunfei Ye

For significant contributions enabling innovative cost-effective solutions to resolve high-speed IO signaling challenges

Sustained Service to the EMC Society Award



Colin Brench

For outstanding service to the EMC Society as a member of the Board of Directors for more than a decade, including two consecutive terms as Vice President for Technical Services

Sustained Service to the EMC Society Award



Donald Heirman

For outstanding service to the EMC Society as the EMC Society Vice President for Standards, 2011-2016

Sustained Service to the EMC Society Award



John Maas

For more than a decade of service to the EMC Society, both at the local chapter level and as the International Symposium Workshop/Tutorial Chair

Richard B. Schulz Best EMC Transactions Paper Award



Richard B. Schulz was a long-time member of the EMC Society and the Editor-in-Chief of the IEEE Transactions on Electromagnetic Compatibility for 18 years. He was also a former President of the EMC Society and a Life Fellow of the IEEE.

Richard B. Schulz Award for the Best EMC Transactions Paper

“On Lightning Electromagnetic Field Propagation Along an Irregular Terrain”

D. Li, M. Azadifar, F. Rachidi, M. Rubinstein, M. Paolone, D. Pavanello,
S. Metz, Q. Zhang, and Z. Wang

IEEE EMC Transactions, vol. 58, no. 1, pp. 161-171, Feb. 2016

Richard B. Schulz Award for the Best EMC Transactions Paper – Honorable Mention

“On the Measurable Range of Absorption Cross Section in a Reverberation Chamber”

I. Flintoft, S. Bale, S. Parker, A. Marvin, J. Dawson and M. Robinson
IEEE EMC Transactions, vol. 58, no. 1, pp. 22-29, Feb. 2016

Motohisa Kanda Award for the Most Cited (2011-2015) EMC Transactions Paper

**“A Review of Field-to-Transmission Line Coupling Models
with Special Emphasis to Lightning-Induced Voltages on
Overhead Lines”**

F. Rachidi

IEEE EMC Transactions, vol. 54, no. 4, pp. 898-911, Aug. 2012

EMC Transactions 2016 Distinguished Reviewers

Rodolfo Araneo, University of Rome “La Sapienza”, Italy

Johan Catrysse, K.U. Leuven University, Belgium

Francesco de Paulis, University of L’Aquila, Italy

Flavia Grassi, Politecnico di Milano, Italy

Albert Ruehli, Missouri University of Science and Technology, USA

Damir Senic, National Institute of Science and Technology, USA

Giordano Spadacini, Politecnico di Milano, Italy

Best EMC Symposium Paper Award

“Reproducibility of CISPR 25 ALSE Test Method”

C. Carobbi and D. Izzo

Best Signal and Power Integrity Symposium Paper Award

“Z Directed Component and Implementation for the Reduction of PDN Ripple”

B. Zhao, N. Dikhaminjia, Y. Cao, K. Hardin, Z. Kratzer, J. Fessler, and
J. Drewniak

Best Student Paper Award

“Experimental Validation of a Discrete Spectral Representation of the Electromagnetic Field within an Ideal Reverberation Chamber”

R. Bakore, J. West, and C. Bunting, Oklahoma State University

Student Incentive Papers

“EMI-Reduction Coding Based on 8b/10b,”

Chiu-Chih Chou and Tzong-Lin Wu.

“Modeling and Impedance Analysis of Power Distribution Network in 3D ICs with TSVs,”

Wei Zhang, Zhaowen Yan, Chunyu Wu and Jianwei Wang.

“Effective channel budgeting technique for high-speed channels due to differential P/N skew,”

D. Nozadze, A. Koul, K. Nalla, M. Sapozhnikov, V. Khilkevich.

“Optimizing Measurement SNR for Weak Near-Field Scanning Applications,”

Li Guan, Giorgi Maghlakelidze, Xin Yan, Satyajeet Shinde, Prof. David Pommerenke.

James C. Klouda Memorial Scholarship



Nathan King

Boise State University

For outstanding promise in undergraduate studies
related to the EMC of power systems

Most Improved Chapter Award

Rock River Valley EMC Chapter

Chapter of the Year Award

Sendai EMC Chapter

Chapter Founder Award

Dan Roman

For co-founding the North Jersey Joint PSES/EMC Chapter

Symposium Chair Award

Kris Hatashita

For outstanding service as the General Chair of the 2016 IEEE International Symposium on Electromagnetic Compatibility

Certificate of Acknowledgement

To acknowledge a special service to the EMC Society.

Certificate of Acknowledgement

Alistair Duffy

For outstanding service as the International Chair of the 2nd Global Electromagnetic Compatibility Conference (GEMCCon 2016), Mar del Plata, Argentina

Gustavo Fano

For outstanding service as the Chair of the 2nd Global Electromagnetic Compatibility Conference (GEMCCon 2016), Mar del Plata, Argentina

DC Pande

For outstanding service as the General Chair person of the 13th International Conference on Electromagnetic Interference and Compatibility (INCEMIC 2016), Bengaluru, India

Johannes Wolf

For outstanding service as the Chairperson of the 2016 ESA Workshop on Aerospace EMC, Valencia, Spain

Certificate of Acknowledgement

Rodolfo Araneo

For outstanding service as the General Co-Chair of the 16th IEEE International Conference on Environment and Electrical Engineering (EEEIC 2016), Florence, Italy

Stefan Dickman

For outstanding contributions to the continued education efforts of the IEEE German EMC Chapter

Stefano Grivet-Talocia

For outstanding service as the Workshop Chairperson of the 20th Workshop on Signal and Power Integrity (SPI 2016), Turin, Italy

Tadeusz Wieckowski

For outstanding service as the Chairperson of the EMC Europe 2016 Conference, Wroclaw, Poland

Certificate of Recognition

Bestowed as a very special mark of recognition to an individual who is not a member of the EMC Society.

Certificate of Recognition

Luigi Martirano

For outstanding service as the General Co-Chair of the 16th IEEE International Conference on Environment and Electrical Engineering (EEEIC 2016), Florence, Italy

Zbigniew Joskiewicz

For outstanding service as the Vice Chairperson of the EMC Europe 2016 Conference, Wroclaw, Poland

Bonnie Brench

For outstanding service as EMC+SIPI 2017 Registration Chair

Sue Archambeault

For outstanding service as EMC+SIPI 2017 Companion Program Chair

Certificate of Recognition

Rhonda Rodriguez

For outstanding service as EMC+SIPI 2017 Arrangements Co-Chair

Mark Chandler

For outstanding service for EMC+SIPI 2017 with artwork and graphic support

Martha Hallman

For many years of outstanding support with exhibitor relations

Certificate of Appreciation

To recognize a significant contribution to the administration and overall success of the EMC Society.

Certificate of Appreciation

John Dawson

For his outstanding contributions as Associate Editor of the IEEE Transactions on Electromagnetic Compatibility

Robert Scully

For his outstanding contributions as Associate Editor of the IEEE Transactions on Electromagnetic Compatibility

Perry Wilson

For his outstanding contributions as Associate Editor for Letters of the IEEE Transactions on Electromagnetic Compatibility

Certificate of Appreciation

Christopher Holloway

For outstanding service as the EMC Society Distinguished Lecturer Chair

Jan Niehof

For outstanding service as a EMC Society Distinguished Lecturer

Marco Klingler

For outstanding service as a EMC Society Distinguished Lecturer

Ram Achar

For outstanding service as a EMC Society Distinguished Lecturer

Scott Piper

For outstanding service as a EMC Society Distinguished Lecturer

Certificate of Appreciation

For outstanding service to the EMC Society as a member of the EMC Society Board of Directors, 2014-2016

Carlos Sartori

Charles Bunting

Donald Sweeney

Edward Hare

John Norgard

Luiji Koga

Michael Oliver

Certificate of Appreciation

Caroline Chan

For outstanding service to the EMC Society as Young Professionals
Representative, 2011-2016

Young Professional Award

To recognize a young professional member of the EMC Society for significant service to the administration and overall success of the EMC Society, or to recognize technical achievements in the early years of their professional career.

Certificate of Appreciation

In recognition of the outstanding service to the 2017 IEEE
International Symposium on EMC

Certificate of Appreciation – Symposium Committee and Volunteers

Steve Ferguson

Bruce Archambeault

John Maas

John LaSalle

Bob Davis

Alpesh Bhobe

Stephen Scearce

Robert Scully

Sam Connor

Charles Bunting

Colin Brench

Chunfei Ye

Dale Becker

Dennis Lewis

Caroline Chan

John Rohrbaugh

Jun Fan

Antonio Orlandi

Mark Maynard

Brice Achkir

Er-ping Li

Steven Koster

Xiaoning Ye

Yihong Qi

Zhi Ping Yang

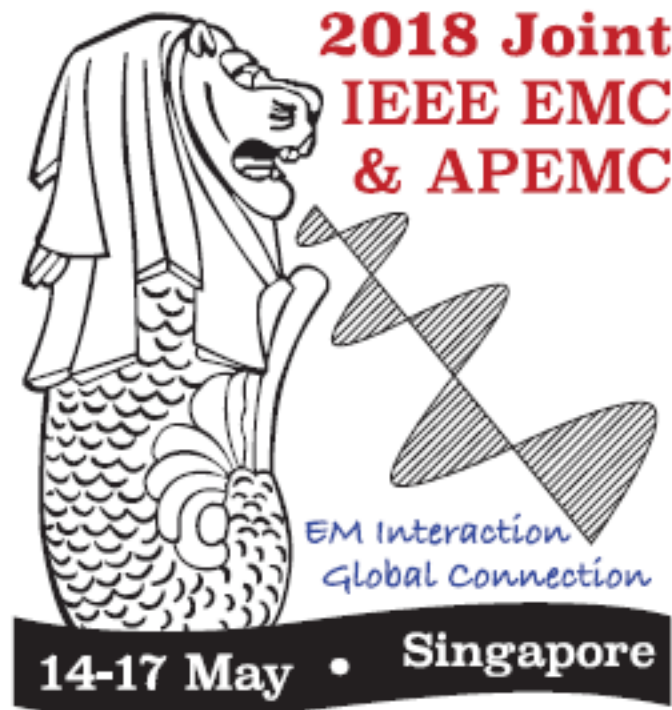
Jay Diepenbrock

Jeffrey Silberberg

Fred Heather

Al Frye

2018 JOINT IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY & ASIA-PACIFIC SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY



May 14-17, 2018
Suntec Convention &
Exhibition Centre, Singapore

THE 2018 IEEE SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY, SIGNAL AND POWER INTEGRITY



July 30 - August 3, 2018
Long Beach Convention Center
Long Beach, California

THANK YOU
2017 IEEE EMC Society
Annual Awards Luncheon

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