



# AWARD

# WINNERS

**EMC Society President's Memorial Award**  
(Presented in memory of Warren Kesselman)  
**Kurt Michael Coetzer, Stellenbosch University**

**Richard R. Stoddart Award for Outstanding Performance**  
**Vladimir A. Rakov**  
For outstanding contributions to the field of lightning research

**Hall of Fame Award**  
**Christos Christopoulos**  
For outstanding service to the EMC Society and exceptional technical achievement in the field of EMC

**IEEE Fellow Award**  
**Yoshihiro Baba**  
For outstanding contributions to electromagnetic modeling of lightning

**Lijun Jiang**  
For outstanding contributions to broadband computational electromagnetic methods

**Frank Leferink**  
For outstanding leadership in electromagnetic compatibility measurement techniques

**Technical Achievement Award**  
**Sam Connor**  
For outstanding contributions to the understanding and characterization of EMI coupling paths in printed circuit boards and development of EMC design rule checking tools

**Ryan From**  
For outstanding contributions to understanding of the effects of broadband electromagnetic threat exposures on aircraft and onboard systems

**Richard Xian-Ke Gao**  
For outstanding contributions to robust design technology and metamaterial-based filtering techniques for EMC

**Dragan Poljak**  
For outstanding contributions to computational dosimetry for human exposure to electromagnetic fields

**Bo Zhang**  
For significant contributions to numerical simulation and environmental effect evaluation of grounding systems

**Jianmin Zhang**  
For outstanding contributions to the understanding and practice of RF de-sense and co-existence through modeling and measurements as well as application in product design

**Jianqing Wang**  
For outstanding contributions to EM field biological effects and wearable device EMC aspects

**Sustained Service to the EMC Society Award**  
**Christian Schuster**  
For significant and sustained service to the EMC Society

**Honored Member Award**  
**Francesca Maradei**  
For a lifetime of dedicated service to the EMC Society

**Richard B. Schulz Best Transactions on EMC Paper Award**  
**Zhaoyang Wang, Shaoyin He, Qi Li, Buyang Liu, Reza Razzaghi, Mario Paolone, Yanzhao Xie, Marcos Rubinstein, and Farhad Rachidi**  
"A Full-Scale Experimental Validation of Electromagnetic Time Reversal Applied to Locate Disturbances in Overhead Power Distribution Lines", 2018, Volume 60, Issue 5, Pages 1562 - 1570

**Richard B. Schulz Best Transactions on EMC Paper Award – Honorable Mention**  
**Abhishek Patnaik, Shubhankar Marathe, Shun Liu, David Pommerenke, and Daryl G. Beetner**  
"A Transient Event Sensor for Efficient System-Level ESD Testing", 2018, Volume 60, Issue 5, Pages 1231 - 1239

**Motohisa Kanda Award for Most Cited (2014-2018) Transactions on EMC Paper Award**  
**Damir Cavka, Nicolas Mora, and Farhad Rachidi**  
"A Comparison of Frequency-Dependent Soil Models: Application to the Analysis of Grounding Systems", Vol. 56, No. 1, 2014

**Irfan Sohail Syed, Yogesh Ranga, Ladislav Matekovits, Karu P. Esselle, and Stuart G. Hay**  
"A Single-Layer Frequency-Selective Surface for Ultrawide-band Electromagnetic Shielding", Vol. 56, No. 6, 2014

**Best EMC Symposium Paper Award**  
"A Novel Statistical Model for the Electromagnetic Coupling to Electronics Inside Enclosures"  
**Shen Lin<sup>1</sup>, Zhen Peng<sup>1</sup>, Edl Schamiloglu<sup>1</sup>, Zachary B. Drikas<sup>2</sup>, and Thomas Antonen<sup>3</sup>**  
<sup>1</sup>University of New Mexico, Albuquerque, NM, USA; <sup>2</sup>Naval Research Laboratory, Washington DC, USA; <sup>3</sup>University of Maryland, College Park, MD, USA

**Best Signal and Power Integrity Symposium Paper Award**  
"Jitter-Aware Target Impedance"  
**Yin Sun<sup>1</sup>, Jinguok Kim<sup>2</sup>, and Chulsoon Hwang<sup>3</sup>**  
<sup>1</sup>Missouri University of Science and Technology, Rolla, MO, USA; <sup>2</sup>Ulsan National Institute of Science and Technology, Ulsan, Korea, Republic of (South)

**Best EMC Symposium Student Paper Award**  
"ESD Generator Tip Current Reconstruction using a Current Probe Measurement at the Ground Strap"  
**Shubhankar Marathe<sup>1</sup>, Javad Meiguni<sup>1</sup>, Keyu Zhou<sup>1</sup>, David Pommerenke<sup>1</sup>, and Mike Hertz<sup>2</sup>**  
<sup>1</sup>Missouri University of Science and Technology, Rolla, MO, USA; <sup>2</sup>Teledyne LeCroy, Chestnut Ridge, NY, USA

**Best SIPI Symposium Student Paper Award**  
"EMC Analysis of Shielded Twisted Pair and Shielded Parallel Pair Transmission Lines for Automotive Multi-Gig Ethernet"  
**Sanaz Mortazavi<sup>1</sup>, Detlef Schleicher<sup>2</sup>, Alexander Stielert<sup>3</sup>, Ali Sinai<sup>3</sup>, Friedel Gerfers<sup>1</sup> and Matthias Hampe<sup>2</sup>**  
<sup>1</sup>Volkswagen AG, Wolfsburg, Germany; <sup>2</sup>Ostfalia University of Applied Sciences, Wolfenbuettel, Germany; <sup>3</sup>HTW Berlin, Germany; <sup>4</sup>Technische Universität Berlin, Germany

**Student Hardware Design Contest**  
**Ali Khoshniat, Santa Clara University**

**Young Professional Award**  
**Lin Biao Wang**  
For outstanding contributions to high-speed electronics simulation and for dedicated service to the Singapore EMC Chapter

**Chapter of the Year Award**  
**Germany EMC Chapter**

**Most Improved Chapter Award**  
**Turkey EMC Chapter**

**Chapter Founder Award**  
**Lie Liu**  
For founding the Guangzhou Section Joint AP/EMC Chapter

**Vanitha Fredrick**  
For founding the Prathyusha Institute of Technology and Management College EMC Student Branch Chapter

**Noshewan Shoaib**  
For founding the Islamabad Section Joint AP/MTT/EMC Chapter

**Symposium Chair Award**  
**En-Xiao Liu**  
For outstanding service as the General Chair of the 2018 IEEE International Symposium on Electromagnetic Compatibility

**Ray Adams**  
For outstanding service as the General Chair of the 2018 IEEE National Symposium on Electromagnetic Compatibility

**Certificate of Acknowledgement**  
**P. Gideon Wiid**  
For outstanding service as the Chair of the 4th Global Electromagnetic Compatibility Conference (GEMCon 2018), in Stellenbosch, South Africa

**Frank Leferink**  
For outstanding service as the Co-Chair of the EMC Europe 2018 conference held Amsterdam, The Netherlands

**Cees Keyer**  
For outstanding service as the Co-Chair of the EMC Europe 2018 conference held Amsterdam, The Netherlands

**Flavia Grassi, Politecnico di Milano, Italy**

**Mathias Magdowski, Otto-von-Guericke Universität, Germany**

**Nicolas Mora, Swiss Federal Institute of Technology, Switzerland**

**William Radasky, Metatech Corporation, USA**

**Giordano Spadacini, Politecnico di Milano, Italy**

## CERTIFICATE OF RECOGNITION

**Temwani-Joshua Phiri**  
For outstanding service as the GEMCon 2018 Treasurer

**Emily Nagel**  
For outstanding service as the 2019 IEEE EMC + SIPI Companion Co-Chair

**Judy Rohrbaugh**  
For outstanding service as the 2019 IEEE EMC + SIPI Companion Co-Chair

**Rhonda Rodriguez**  
For outstanding service as the 2019 EMC+SIPI Exhibits Chair

**Beth Scully**  
For outstanding service as the 2019 IEEE EMC + SIPI Registration Chair

**Dale Stone**  
For outstanding service as the 2019 IEEE EMC + SIPI Arrangements Chair

**Stephanie Zajac**  
For outstanding service as the 2019 IEEE EMC + SIPI Youth Program Chair

## CERTIFICATE OF APPRECIATION

**Felix Burghardt**  
For outstanding contributions to the success of the EMC German Chapter

**Nana Dikhaminjia, Francesco de Paulis**  
For outstanding contributions as Associate Editors of the Transactions on EMC

**Perry Wilson**  
For outstanding contributions as EMC Society Awards Committee Chair (2016-2018)

**Andy Marvin, En-Xiao Liu, Kris Hatashita, Zhiping Yang**  
For significant contribution to the administration and overall success of the EMC Society as Distinguished Lecturers (2017-2018)

**Larry Cohen, Hiroshi Inoue, Joanna McLellan**  
For significant contribution to the administration and overall success of the EMC Society as Members of the Board of Directors (2016-2018)

**Jason Bommer**  
For outstanding service as the 2019 IEEE EMC + SIPI Vice-Chair

**John LaSalle**  
For outstanding service as the 2019 IEEE EMC + SIPI Treasurer and Finance Chair

**Ray Adams**  
For outstanding service as the 2019 IEEE EMC + SIPI Treasurer and Finance Co-Chair

**Bob Davis**  
For outstanding service as the 2019 IEEE EMC + SIPI Secretary

**Janet O'Neil**  
For outstanding service as the 2019 IEEE EMC + SIPI Advisor

**Todd Hubing**  
For outstanding service as the 2019 IEEE EMC + SIPI Symposium Technical Program Chair

**Bruce Archambeault**  
For outstanding service as the 2019 SIPI Technical Program Co-Chair

**Chunfei Ye**  
For outstanding service as the 2019 SIPI Technical Program Co-Chair

**Colin Brench**  
For outstanding service as the 2019 IEEE EMC + SIPI Special Sessions Chair

**Xiaoning Ye**  
For outstanding service as the 2019 IEEE EMC + SIPI Technical Papers Chair

**Alistair Duffy**  
For outstanding service as the 2019 IEEE EMC + SIPI Standards Week Chair

**Flavia Grassi**  
For outstanding service as the 2019 IEEE EMC + SIPI Workshops and Tutorials Co-Chair

**Francesca Maradei**  
For outstanding service as the 2019 IEEE EMC + SIPI Workshops and Tutorials Co-Chair

**Lee Hill**  
For outstanding service as the 2019 IEEE EMC + SIPI Global University Chair

**Bob Scully**  
For outstanding service as the 2019 IEEE EMC + SIPI Demonstrations and Experiments Co-Chair

**Sam Connor**  
For outstanding service as the 2019 IEEE EMC + SIPI Demonstrations and Experiments Co-Chair

**John Rohrbaugh**  
For outstanding service as the 2019 IEEE EMC + SIPI Publications Chair

**Gabe Alcalá**  
For outstanding service as the 2019 IEEE EMC + SIPI Social Media Co-Chair

**Stephen Searce**  
For outstanding service as the 2019 IEEE EMC + SIPI Volunteer Co-Chair

**Alpesh Bhoje**  
For outstanding service as the 2019 IEEE EMC + SIPI Volunteer Co-Chair

## EMC TRANSACTIONS: 2018 DISTINGUISHED REVIEWERS

- Flavia Grassi, Politecnico di Milano, Italy**
- Mathias Magdowski, Otto-von-Guericke Universität, Germany**
- Nicolas Mora, Swiss Federal Institute of Technology, Switzerland**
- William Radasky, Metatech Corporation, USA**
- Giordano Spadacini, Politecnico di Milano, Italy**

## Congratulations to the Following EMC Society Members who were elected to the IEEE Fellow Grade in 2018 and 2019

*These members are shown below with their evaluating Society.*

- Friedhelm Caspers, Instrumentation and Measurement**
- Hideki Motoyama, Power and Energy**
- Peter Perkins, Product Safety Engineering**
- C. J. Reddy, Antennas and Propagation**
- Shuo Wang, Power Electronics**

## IN MEMORIAM

- Youngang Gao (1928-2018)**
- Bob Goldblum (1935 to 2019)**
- James P. McNaul (1933-2019)**
- Dheena Moongilan (1949-2019)**

