



2024 IEEE INTERNATIONAL SYMPOSIUM
ON ELECTROMAGNETIC COMPATIBILITY
& SIGNAL/POWER INTEGRITY

AWARD WINNERS

EMC SOCIETY PRESIDENT'S MEMORIAL AWARD

(Awarded in memory of Vince Mancino and Milton Kant)

Zhekun Peng

For excellence in scholarship in the areas of electrostatic discharge, electromagnetic interference, and signal and power integrity

RICHARD R. STODDART AWARD FOR OUTSTANDING PERFORMANCE

Frank Sabath

For outstanding performance in the area of electromagnetic interference risk management

LAURENCE G. CUMMING AWARD FOR OUTSTANDING SERVICE

Kingsley McRae

For outstanding contributions to and promotion of the EMC Society in Australia and the Asia Pacific Region

IEEE FELLOW AWARD

Daryl Beetner

For contributions to measurement, modeling, and prediction of electromagnetic immunity and power integrity issues

Ji Chen

For contributions to implantable medical device safety in MRI

EMC SOCIETY HALL OF FAME AWARD

David Thomas

For outstanding research in the areas of modeling and statistical methods for EMC applications

Albert Ruehli

For outstanding contributions to computational methods, including the partial element equivalent circuit method, and modified nodal analysis method for SPICE

John Maas

For dedicated and continuous support as Workshop and Tutorial Program Chair for the IEEE International Symposia on Electromagnetic Compatibility, Signal and Power Integrity

SUSTAINED SERVICE TO THE EMC SOCIETY AWARD

Dr. Lenin Raja

For significant and sustained service to the EMC Society

HONORED MEMBER AWARD

Alistair Duffy

For outstanding leadership and continued service to the IEEE EMC Society

EXCELLENCE IN CONTINUING EMC ENGINEERING EDUCATION AWARD

Arturo Mediano

For outstanding dedication to excellent EMC education in support of the IEEE EMC Society's global education initiatives

TECHNICAL ACHIEVEMENT AWARD

Jens Medler

For excellence and outstanding contributions in the field of EMC standards development

Marina Koledintseva

For outstanding contributions to and study of EM properties of ferrites and composite materials for EMI/EMC applications

Seungyoung Ahn

For outstanding contributions toward understanding and reducing EMF/EMI in wireless power transfer systems

Soichi Watanabe

For outstanding contributions to research and development, standardization, and academic activities related to biomedical EMC and RF safety

2024 JOHN HOWARD MEMORIAL EMC EDUCATION GRANT

Dragon Olcan, University of Belgrade, Serbia

Xinglong Wu, Xiaokang Liu, Politecnico di Milano, Italy

2023 JOHN HOWARD MEMORIAL EMC EDUCATION GRANT

Dr. Noshawan Shoaib, National University of

Sciences and Technology, Pakistan

JAMES C. KLOUDA MEMORIAL SCHOLARSHIP AWARD

Aaron Harmon

For outstanding performance as a student pursuing a career in EMC

RICHARD B. SCHULZ BEST TRANSACTIONS ON EMC PAPER AWARD

Shugo Kaji, Daisuke Fujimoto, Masahiro Kinugawa, Yuichi Hayashi

"Echo TEMPEST: EM Information Leakage Induced by IEMI for Electronic Devices," IEEE Transactions on Electromagnetic Compatibility, Year: 2023 | Volume: 65, Issue: 3

RICHARD B. SCHULZ BEST TRANSACTIONS ON EMC PAPER AWARD — HONORABLE MENTION

Shen Lin, Sangrui Luo, Shukai Ma, Junda Feng, Yang Shao, Zachary B. Drikas, Bisrat D. Addissie, Steven M. Anlage, Thomas Antonsen, Zhen Peng

"Predicting Statistical Wave Physics in Complex Enclosures: A Stochastic Dyadic Green's Function Approach," IEEE Transactions on Electromagnetic Compatibility, Year: 2023 | Volume: 65, Issue: 2

MOTOHISA KANDA AWARD FOR MOST CITED (2019-2023) TRANSACTIONS ON EMC PAPER AWARD

Balaji Narayanasamy; Fang Luo

"A Survey of Active EMI Filters for Conducted EMI Noise Reduction in Power Electronic Converters," IEEE Transactions on Electromagnetic Compatibility, Year: 2019 | Volume: 61, Issue: 6 | Cited by: Papers (74)

BEST EMC SYMPOSIUM PAPER AWARD

Marshall Sowell, Kyle Shea, Carl Hager

"Statistics of Electromagnetic Fields within Wire-Coupled, Nested Reverberant Enclosures"

BEST EMC SYMPOSIUM PAPER AWARD — HONORABLE MENTION

Shen Lin, Sangrui Luo, Yang Shao, Bisrat Addissie, Zachary Drikas, Zhen Peng

"Fusion of Parameterized and Physics-Oriented Statistical Surrogate Models for EM Coupling on Wires in Complex Electronic Enclosures"

BEST SIPI SYMPOSIUM PAPER AWARD

Satoshi Tago, Keita Sasaki, Yasuhiro Ochiai

"Reducing EMI in Wire-Bond BGA IC-Chips through Magnetic Dipole Moment Control"

BEST SIPI SYMPOSIUM PAPER AWARD — HONORABLE MENTION

Seunghun Ryu, Dongryul Park, Hyunwoong Kim, Seonghi Lee, Sanguk Lee, Seungyoung Ahn

"Reinforcement Learning-Based Power/Ground Ball Map Design Optimization for Multi-Power Domain in 3D-ICs Package"

BEST EMC SYMPOSIUM STUDENT PAPER AWARD

Michelle Pirrone, Jordan Bernhardt, Adam Wunderlich

"Assessing Time-Scale-Dependent Interference Vulnerabilities in Wireless Communications"

BEST EMC SYMPOSIUM STUDENT PAPER AWARD — HONORABLE MENTION

Dong-Hao Han, Ming-Jie Pang, Xing-Chang Wei

"Reactive Magnetic Near-Field to Far-Field Transformation based on Plane Wave Spectrum at PCB Level"

BEST SIPI SYMPOSIUM STUDENT PAPER AWARD

Seonghi Lee, Hyunwoong Kim, Seunghun Ryu, Jiseong Kim, Seongho Woo, Seungyoung Ahn

"Linear Equalizer Effect-Included Worst Eye Diagram Estimation Method for PCIe 6.0"

BEST SIPI SYMPOSIUM STUDENT PAPER AWARD — HONORABLE MENTION

Yifan Ding, Ming-Feng Xue, Jianmin Zhang, Xin Hua, Benjamin Leung, Eric A. MacIntosh, Chulsoon Hwang

"Experimental Study of PCB Vibration Induced by MLCC Assembly Orientation and Process Variations"

STUDENT EMC HARDWARE DESIGN COMPETITION AWARDS

Winner: Glauco Fontgalland

University of Mount Union, Canton, Ohio

1st Runner Up: Aaron Harmon, Haran Manoharan, Sandesh Paudel, Missouri University of Science and Technology, Rolla, Missouri

2nd Runner Up: Neil Lawhead, Manish Mathew, Seyedmehdi Mousavi, Reza Asadi, Missouri University of Science and Technology, Rolla, Missouri

HERBERT K. MERTEL YOUNG PROFESSIONAL AWARD

Ling Zhang

For outstanding contributions to machine learning-based EMC/SIPI modeling, optimization, and measurement

CHAPTER OF THE YEAR AWARD IEEE EMC Benelux Chapter

MOST IMPROVED CHAPTER AWARD IEEE AP/MTT/EMC/ED Turkey Joint Chapter

SYMPOSIUM CHAIR AWARD

Mark Steffka

For his leadership and dedication as General Chair of the 2023 IEEE International Symposium on Electromagnetic Compatibility and Signal/Power Integrity

CERTIFICATE OF ACKNOWLEDGEMENT

Jan Sroka and Krzysztof Sieczkarek

For outstanding contributions to the EMC Europe 2023 Conference

Krzysztof Sieczkarek

For outstanding contributions to EMC activities in IEEE Region 8 and the Poland IEEE EMC Chapter in 2023

Flavia Grassi

For special service to EMC Society as Awards Chair for 2023

Zbigniew Joskiewicz

For outstanding service as Chair of the EMC Europe 2023 Conference

Devendra C. Pande

For outstanding service as Chair of the APEMC and INCEMIC 2023 Joint Symposium

Emmanuel Decrossas

For outstanding service as the IEEE EMC Society Nanotechnology and Advanced Materials Technical Committee (TC11) Chair from 2018 to 2023

Lie Liu

For outstanding service as the IEEE EMC Society's EMC for Emerging Wireless Technologies Technical Committee (TC12) Chair from 2020 to 2024

Tom Fagan

For outstanding service as the IEEE EMC Society's EMC Measurements Technical Committee (TC2) Chair from 2020 to 2023

CERTIFICATE OF APPRECIATION

Emmanuel Decrossas

For outstanding service as past Chair of IEEE EMC Society's Nanotechnology and Advanced Materials Technical Committee (TC11)

Petre-Marian Nicolae

For outstanding service as Chair of the first IEEE Workshop on Power Quality and EMC at Low Frequency

Susanne Vogel

For outstanding service as Chair of the German IEEE EMC Chapter from 2020 to 2023

Giulio Antonini and Yoshihiro Baba

For outstanding contributions as Guest Editors of the IEEE Transactions on EMC

Marcos Rubinstein

For outstanding contributions as Associate Editor of the IEEE Transactions on EMC

Garth D'Abreu, Karen Burnham, Robert Kebel, and Nicolas Mora

For significant contribution to the administration and overall success of the EMC Society as Distinguished Lecturers (2022-2023)

Ram Achar, Nicolas Mora, John Norgard, Susanne Vogel, Gideon Wiid, and Tzong-Lin Wu

For significant contribution to the administration and overall success of the EMC Society as Members of the Board of Directors (2021-2023)

Stephen Scearce

For outstanding service as the 2024 IEEE EMC+SIPI Financial Chair

Stephanie Zajac

For outstanding service as the 2024 IEEE EMC+SIPI Secretary and Youth Technical Program Chair

Chuck Bunting

For outstanding service as the 2024 IEEE EMC+SIPI Technical Program Chair

Jacob Dixon

For outstanding service as the 2024 IEEE EMC+SIPI Technical Program Vice Chair

Sam Connor

For outstanding service as the 2024 IEEE EMC+SIPI Technical Papers Chair

Niek Moonen

For outstanding service as the 2024 IEEE EMC+SIPI Student Paper Chair

Francesca Maradei

For outstanding service as the 2024 IEEE EMC+SIPI Special Sessions Chair

Alistair Duffy

For outstanding service as the 2024 IEEE EMC+SIPI Exhibition/Sponsorship Chair

Flavia Grassi and John Maas

For outstanding service as the 2024 IEEE EMC+SIPI Workshops and Tutorials Co-Chairs

Arturo Mediano

For outstanding service as the 2024 IEEE EMC+SIPI Clayton R. Paul Global EMC University Chair

Christian Schuster and Francesco De Paulis

For outstanding service as the 2024 IEEE EMC+SIPI Global SIPI University Co-Chairs

Jacob Dixon and Gabe Alcalá

For outstanding service as the 2024 IEEE EMC+ SIPI Demonstrations and Experiments Co-Chairs

John Rohrbaugh

For outstanding service as the 2024 IEEE EMC+SIPI Publications Chair

Patrick DeRoy

For outstanding service as the 2024 IEEE EMC+SIPI Young Professionals Chair

Karen Burnham

For outstanding service as the 2024 IEEE EMC+SIPI Standards Week Chair

Janet O'Neil and Susanne Vogel

For outstanding service as the 2024 IEEE EMC+SIPI Marketing Co-Chairs

Colin Brench and Glen Gassaway

For outstanding service as the 2024 IEEE EMC+SIPI Student EMC Hardware Design Competition Co-Chairs

Janet O'Neil

For outstanding service as the 2024 IEEE EMC+SIPI Symposium Advisor

CERTIFICATE OF RECOGNITION

Lorraine Olson

For outstanding service as 2024 IEEE EMC+SIPI Companions Chair

Shadi Ebrahimi Asl and Robin Zimmerman

For outstanding service as the 2024 IEEE EMC+SIPI Volunteer Co-Coordinators

EMC TRANSACTIONS

2023 DISTINGUISHED REVIEWERS

Xing Chang Wei

Zhejiang University, China

Da Yi

Chongqing University, China

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Si-Ping Gao

National University of Singapore, Singapore

Chun-Wen Lin

University of Michigan, United States

IN MEMORIAM

William Geoffrey Gjertson
(1932-2023)

Domenico Festa
(1957-2024)



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