



2021 JOINT IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY, SIGNAL & POWER INTEGRITY, AND EMC EUROPE

AWARD WINNERS

2021 IEEE Electromagnetics Award

Constantine A. Balanis
For contributions to electromagnetics through excellence in book authorship, teaching, and antenna research

President's Memorial Award

Presented in Memory of Don Heirman
Tom Hartmann, University of Twente

President's Memorial Award (second year)

Hanzhi Ma, Zhejiang University

Richard R. Stoddart Award

Youji Kotsuka
For outstanding contributions to the study of the interaction of electromagnetic fields with matter and its impact on EMC

Laurence G. Cumming Award

Erping Li
For outstanding service to the EMC Society and contributing to the overall success of the Society

Hall of Fame Award

Dan Hoolihan
For outstanding service to the EMC Society and exceptional technical achievement in the field of EMC

IEEE Fellow Elevation

Bhyrav Mutnury
For contributions to signal integrity in complex data center systems

Jianqing Wang

For contributions to electromagnetic compatibility of biological and wearable/implantable devices

Technical Achievement Award

Yuichi Hayashi
For contribution to threat analysis of EM information security and application of EMC countermeasures against threats

Ilkka Laakso

For contribution to computational dosimetry of human exposure to electromagnetic fields from low frequencies to millimeter waves

Victor Khilkevich

For contributions toward characterization and modeling of PCB materials and to identification and location of noise sources within complex systems

Amitabh Nag

For outstanding contributions to our understanding of lightning and its electromagnetic environment

Alexandre Piantini

For outstanding contributions to the theoretical modeling, experimental characterization, and protection against lightning

Sustained Service Award

Kimball Williams
For significant and sustained service to the EMC Society

James C. Klouda Memorial Scholarship

Anfeng Huang
Missouri University of Science & Technology
For outstanding work in power electronics modeling for power integrity

Young Professional Award

Siping Gao
For outstanding contributions to EMC and signal/power integrity modeling

Chapter of the Year Award

Singapore - Chair: Si-Ping Gao

Most Improved Chapter Award

Guangzhou, China - Chair: Lie Liu

New EMC Chapters

Denmark - Chair: Pooya Davari

Utah - Chair: Randy Jost

Richard B. Schulz Award for the Best EMC Transactions Paper

Physically-Based Modeling of Hand-Assembled Wire Bundles for Accurate EMC Prediction
Xiaokang Liu; Flavia Grassi; Giordano Spadacini; Sergio Pignari

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

Average Linear and Angular Momentum and Power of Random Fields Near a Perfectly Conducting Boundary
Luk Arnaut; Gabriele Gradoni

Motohisa Kanda Award for the Most Cited (2016-2020) EMC Transactions Paper

A Resonant Reactive Shielding for Planar Wireless Power Transfer System in Smartphone Application
Jaehyoung Park; Dongwook Kim; Karam Hwang; Hyun Ho Park; Sang Il Kwak; Jong Hwa Kwon; Seungyoung Ahn
IEEE Trans. on EMC, Vol. 59, No. 2, 2017

EMC Transactions 2020 Distinguished Reviewers

Andreotti, Amedeo	Baba, Yoshihiro
De Paulis, Francesco	Diao, Yiliang
Grassi, Flavia	Huang, Qiaolei
Magdowski, Mathias	Mora, Nicolas
Moonen, Niek	Paulino, José
Pu, Bo	Spadacini, Giordano
Tatematsu, Akiyoshi	

Symposium Chair Award

Darryl Ray
For his leadership and dedication as General Chairman of the 2020 IEEE International Symposium on Electromagnetic Compatibility and Signal and Power Integrity

Best Student Design Award

Yuandong Guo
EMC Lab, Missouri University of Science and Technology, Rolla, Missouri, USA

SYMPOSIUM BEST PAPER AWARDS

Best EMC Symposium Paper Award

A Bias Tee for Broadband Measurement of Power Electronic Components
Michael Fuchs, Christoph Maier, and David Pommerenke

Best EMC Symposium Paper Award - Honorable Mention

Frequency-Selective Reduction of Power Electronic Switching Noise by Applying Synthesized Gate Signals
Caroline Krause, Andreas Bendicks, and Stephan Frei

Best Signal and Power Integrity Symposium Paper Award

Signal Integrity Design Methodology for Package in Co-packaged Optics Based on Figure of Merit as Channel Operating
Bo Pu, Jiayi He, Aaron Harmon, Yuandong Guo, Yuanzhuo Liu, and Qiangming Cai

Best Signal and Power Integrity Symposium Paper Award - Honorable Mention

Design and Analysis of On-Package Inductor of an Integrated Voltage Regulator for High-Q Factor and EMI Shielding in Active Interposer based 2.5D/3D ICs
Subin Kim, Seungtaek Jeong, Boogyo Sim, Seongsoo Lee, Hyunwook Park, Haeyeon Kim, and Joungho Kim

Best EMC Student Paper Award

Non-invasive Optimal Coupling Upon Detection of a Local Change of Impedance in a Cable Network
K. Brahma Yeo, Matthieu Davy, and Philippe Besnier

Best EMC Student Paper - Honorable Mention

Multi-Output Variable-Fidelity Bayesian Optimization of a Common Mode Choke
Rodrigo Silva Rezende, Mirsad Hadžiefendić, Jan Hansen, and Rolf Schuhmann

Best SIPI Student Paper Award

Far-End Crosstalk Analysis for Stripline with Inhomogeneous Dielectric Layers (IDL)
Yuanzhuo Liu, Shaohui Yong, Yuandong Guo, Jiayi He, Liang Liu, Nick Kutheis, Albert Sutono, Vijay Kunda, Amy Luoh, Yunhui Chu, Xiaoning Ye, DongHyun Kim, and Jun Fan

Best SIPI Student Paper - Honorable Mention

A Modified Genetic Algorithm for the Selection of Decoupling Capacitors in PDN Design
Jack Juang, Ling Zhang, Zurab Kiguradze, Bo Pu, Shuai Jin, and Chulsoon Hwang

CERTIFICATE OF ACKNOWLEDGMENT

Krzysztof Sieczkarek
For initiating and organizing the EMC Marathon

Mauro Feliziani and Maria Sabrina Sarto
For outstanding service as the Co-Chairs of the 2020 European Symposium on Electromagnetic Compatibility (EMC Europe 2020)

Yanzhao Xie
For outstanding service as the Chair of the 2020 Global Electromagnetic Compatibility Conference (GEMCCon), Xi'an, China

CERTIFICATE OF RECOGNITION

Beth Scully
For outstanding service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Registration Chair

Rhonda Rodriguez
For outstanding service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Virtual Platform Advisor

CERTIFICATE OF APPRECIATION

Christian Schuster
In recognition of his outstanding activities as the Chair of the German IEEE EMC Chapter

Matthias Troescher
In recognition of his outstanding activities as the Vice-Chair of the German IEEE EMC Chapter

Xiaoning Ye
For outstanding contributions as Guest Editor of the Transactions on EMC

Marcos Rubinstein, Xiaoxiong Gu, Seungyoung Ahn, and Liang Zhou
For significant contribution to the administration and overall success of the EMC Society as Distinguished Lecturers (2019-2020)

James Drewniak and Robert Davis
For significant contribution to the administration and overall success of the EMC Society as Members of the Board of Directors (2018-2020)

Dave Thomas
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Vice-Chair (EMC Europe & Technical Papers)

Stephen Scearce
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Vice-Chair (Operations)

John LaSalle
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Vice-Chair (Finance)

Kris Hatashita
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Secretary

Bob Davis and Linda Dawson
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Treasurer/Finance Co-Chairs

Sam Connor and Frank Sabath
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Technical Program Co-Chairs

Zhiping Yang
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Technical Papers Chair

Jun Fan
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe SIPI Technical Papers Chair

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Flavia Grassi, Francesca Maradei, and Jacob Dixon
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Workshops/Tutorials Co-Chairs

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For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Standards Week Chair

Lee Hill
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Alpesh Bhohe
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Nick Wainwright
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Communications Committee Web Lead

Susanne Kaule
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Communications Chair

Kieran O'Leary
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Communications Committee

WH Siew
For Outstanding Service as the 2021 Joint IEEE EMC+SIPI and EMC Europe Local Knowledge - EMC, Academia & Organization

IN MEMORIAM

Anthony Zimbalatti	Henry W. Ott, Jr. (1936-2021)
George Ioan Costache (1943-2020)	Donald Sweeney (1941-2021)
Akira Sugiura	Herbert K. Mertel (1931-2021)
Donald Heirman (1940-2020)	Harold "Bud" E. Taggart (1927-2021)
Ronald W. Brewer (1940-2020)	

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