



2020 EMC+SIPI VIRTUAL SYMPOSIUM

AWARD WINNERS

President's Memorial Award

Presented in Memory of Shuichi Nitta and Bud Hoelt
Hanzhi Ma, Zhejiang University

President's Memorial Award (second year)

Kurt Coetzer, Stellenbosch University

Richard R. Stoddart Award

Brice Achkir
For contributions to signal integrity in embedded testing, real-time diagnosis, and monitoring of physical layer design in multi-gigabit systems as well as modeling and design for power integrity

Hall of Fame Award

Perry Wilson
For outstanding service to the EMC Society and exceptional technical achievement in the field of EMC

Technical Achievement Award

Daryl Beetner
For contributions toward the elimination of emissions and understanding of immunity and signal integrity issues associated with integrated circuits

Mauro Feliziani

For contributions to computational modeling of EMC/EMI, including shielding and wireless power transfer systems

Shinobu Ishigami

For contributions to EMC measurements and standardization for basic immunity test/emission measurement methods

Seyed Hesam Sadeghi

For contributions to the modeling and characterization of lightning, its interaction with electric and electronic systems as well as the human body

Sustained Service Award

Mark Mifsud
For significant and sustained service to the EMC Society

Honored Member Award

Karen Dyberg
For a lifetime of dedicated service to the EMC Society

H. Robert Hofmann

For a lifetime of dedicated service to the EMC Society

Richard B. Schulz Award for the Best EMC Transactions Paper

Andrea Cozza and Florian Monsef
"Power Dissipation in Reverberation Chamber Metallic Surfaces Based on Ferrous Materials"

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

Shugo Kaji, Masahiro Kinugawa, Daisuke Fujimoto, and Yu-ichi Hayashi
"Data Injection Attack against Electronic Devices with Locally Weakened Immunity using a Hardware Trojan"

Motohisa Kanda Award for the Most Cited (2015–2019) EMC Transactions Paper

Tommaso Campi, Silvano Cruciani, Francesca Maradei, and Mauro Feliziani
"Near-Field Reduction in a Wireless Power Transfer System Using LCC Compensation" - IEEE Trans. on EMC, Vol. 59, No. 2, 2017

Student Hardware Design Contest

Omid Hoseini Izadi
"Conducted and Radiated Emissions: Mitigation by Design, not Shielding"

Student Hardware Design Contest – Honorable Mention

Zhekun Peng, Yang Xu, and Xiangrui Su
"Electrostatic Discharge (ESD) to Through-Silicon Via (TSV) Measurement"

James C. Klouda Memorial Scholarship

Yin Sun, Missouri University of Science and Technology
For outstanding work in the area of radio frequency interference and power distribution network study

Young Professional Award

Pooya Davari
For outstanding contributions to EMI and harmonic mitigation and modeling in power electronic applications

SYMPOSIUM BEST PAPER AWARDS

Best EMC Symposium Paper Award

"Will 4% Steps Find Radiated Susceptibilities?"
David Arnett, Ed Blankenship

Best EMC Symposium Paper Award – Honorable Mention

"Approximate Direct Inverse for Embedded Domain Decomposition Method"
Jiaqing Lu, Jin-Fa Lee

Best SIPI Symposium Paper Award

"Genetic Algorithm PDN Optimization based on Minimum Number of Decoupling Capacitors Applied to Arbitrary Target Impedance"
Francesco de Paulis, Riccardo Cecchetti, Carlo Olivieri, and Markus Buecker

Chapter of the Year Award

Islamabad EMC/MTT/APS Joint Chapter
Chair: Noshawan Shoab

Most Improved Chapter Award

Kitchener-Waterloo EMC/Mag Joint Chapter
Chair: Huan Huan Gu
Vice-Chair: Ming Chang Wang

Symposium Chair Award

Dennis Lewis
For his leadership and dedication as General Chairman of the 2019 IEEE International Symposium on Electromagnetic Compatibility and Signal and Power Integrity

Certificate of Acknowledgment

Hideaki Sone
For outstanding service as the Chairman of the 2019 Joint International Symposium on Electromagnetic Compatibility and Asia-Pacific International Symposium on Electromagnetic Compatibility, Sapporo (EMC Sapporo & APEMC 2019)

Ferran Silva

For outstanding service as the Chairman of the 2019 European Symposium on Electromagnetic Compatibility, Barcelona (EMC Europe 2019)

D.C. Pande

For outstanding service as the Chairman of the 2019 Global Electromagnetic Compatibility Conference (GEMCCon), Bangalore, India

Dipanjnan Gope

For outstanding service as the Technical Program Chair of the 2019 Global Electromagnetic Compatibility Conference (GEMCCon), Bangalore, India

Best SIPI Symposium Paper Award – Honorable Mention

"High-Speed Channel Equalization Applying Parallel Bayesian Machine Learning"
Zurab Kiguradze, Nana Dikhaminjia, Mikheil Tsiklauri, Jiayi He, Bhyrav Mutnury, Arun Chada, and James Drewniak

Best EMC Student Paper Award

"Investigation of Power Converter's Near Field EMI Containment Using Passive Filters"
Asif Imran Emon, Balaji Narayanasamy, Hongwu Peng, Mustafeez ul Hassan, Zhao Yuan, Fang Luo

Best SIPI Student Paper Award

"Differential Via Designs for Crosstalk Reduction in High-Speed PCBs"
Junda Wang, Chaohui Xu, Shuai Zhong, Siqi Bai, Jongjoo Lee, DongHyun Kim

CERTIFICATE OF RECOGNITION

Robert Nowak

For outstanding service as organizer of the 2019 Ph.D. Meeting for the IEEE EMC Germany Chapter

Beth Scully

For outstanding service as the Registration Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Judy Rohrbaugh

For outstanding service as Companion Program Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Carol Schaefer

For outstanding service as the Assistant to General Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Rhonda Rodriguez

For outstanding service as the Arrangements Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

CERTIFICATE OF APPRECIATION

Patrick Conway

In recognition of his efforts in revitalizing the Rocky Mountain Chapter of the EMC Society

David Hamann

For outstanding services in the IEEE EMC Germany Chapter in his role as Industry Relations officer

William Hurst

For a career dedicated to the development and promulgation of important technical, trade and policy matters that have benefited the communications, standards, and technology community

Julius Knapp

For enduring and important support to the technology community. He provided oversight, guidance, and encouragement to the public and private sector throughout a career that witnessed a myriad of change and innovation

Pablo Narvaez

In appreciation for organizing a special session on EMC topics presented at the 2020 IEEE Aerospace Conference at Big Sky

David Stankiewicz

In appreciation for his fundamental support in the organization of the 2020 IEEE EMC+SIPI Virtual Symposium

Richard Xian-Ke Gao, En-Xiao Liu, Renato Procopio, Yoshihiro Baba, Alexandre Piantini, Jun Fan, Nuno Borges Carvalho, and Joungho Kim

For outstanding contributions as Guest Editors of the Transactions on EMC

Zhong Chen, Ishan Erdin, and Richard Xian-Ke Gao

For significant contribution to the administration and overall success of the EMC Society as Distinguished Lecturers (2018-2019)

Jun Fan, Xiaoning Ye, Carlos Sartori, and John Norgard

For significant contribution to the administration and overall success of the EMC Society as Members of the Board of Directors (2017-2019)

Darryl Ray

For outstanding service as the General Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Tom Braxton

For outstanding service as the Vice-Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Caroline Chan

For outstanding service as Treasurer/Youth Technical Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Gabe Alcala and Jon Nguyen

For outstanding service as Marketing Co-Chairs of the 2020 IEEE EMC+SIPI Virtual Symposium

Bob Davis

For outstanding service as Special Tech Events Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Bruce Archambeault

For outstanding service as the Technical Program Committee Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Alistair Duffy, Sam Connor, and Jay Diepenbrock

For outstanding service as Workshops and Tutorials Co-Chairs of the 2020 IEEE EMC+SIPI Virtual Symposium

Louann Devine Mlekodaj and Colin Brench

For outstanding service as Special Sessions Co-Chairs of the 2020 IEEE EMC+SIPI Virtual Symposium

Lee Hill

For outstanding service as the Clayton R. Paul Global University Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Xiaoning Ye

For outstanding service as the Technical Papers Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

James Drewniak

For outstanding service as the SIPI General Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Cheng Fe

For outstanding service as the SIPI Technical Papers Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Ed Hare and Ross Carlton

For outstanding service as the Standards Week Co-Chairs of the 2020 IEEE EMC+SIPI Virtual Symposium

Jason Smith

For outstanding service as the Exhibits Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

John Rohrbaugh

For outstanding service as the Publications Chair of the 2020 IEEE EMC+SIPI Virtual Symposium

Alpesh Hobe and Stephen Scearce

For outstanding service as Volunteer Coordinator Co-Chairs of the 2020 IEEE EMC+SIPI Virtual Symposium

Ghery Pettit

For outstanding service as Advisor to the 2020 IEEE EMC+SIPI Virtual Symposium

Transactions on EMC 2019 Distinguished Reviewers

Andrieu, Guillaume
Choi, Jinwoo
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