

**EMC SOCIETY PRESIDENT'S MEMORIAL AWARD**

*(Presented in memory of Henry Ott)*  
**Yuanzhuo Liu**

For outstanding work as a Ph.D. student in EMC/SI/PI at Missouri University of Science & Technology

**RICHARD R. STODDART AWARD FOR OUTSTANDING PERFORMANCE**

**Jun Fan**

For pioneering contributions in understanding radio-frequency interference issues and developing systematic analysis and mitigation approaches in modern wireless devices

**LAURENCE G. CUMMING AWARD FOR OUTSTANDING SERVICE**

**Jerry Ramie**

For promoting meaningful EMC immunity testing for utility control products over the last decade

**HALL OF FAME AWARD**

**Tom Van Doren**

For a lifetime of exemplary achievement in EMC education, including hundreds of short courses and the development of the first EMC course at the University of Missouri-Rolla, still being offered nearly 40 years later

**Liugi R. Koga**

For outstanding technical achievement on EMC design methods and promoting stronger ties between EMC academia in Asia and the IEEE EMC Society

**David V. Giri**

For major contributions through R&D efforts in High-Power Electromagnetics including Nuclear Electromagnetic Pulse, High-Power Microwaves, and Ultra-Wideband Systems and Applications

**IEEE FELLOW AWARD**

**Zhiping Yang**

For contributions to signal and power integrity in high-performance data center electronics

**Xiaoning Ye**

For contributions to high-speed interconnect design, optimization, and measurement methods

**TECHNICAL ACHIEVEMENT AWARD**

**Stephen Scearce**

For outstanding research and design in the signal integrity and power integrity fields

**James C. West**

For a long history of contributing to technical advancements in his RF, microwave, and EMC careers

**Bo Pu**

For outstanding contributions in signal and power integrity solutions for 2.5D/3D integrated circuits

**SUSTAINED SERVICE TO THE EMC SOCIETY AWARD**

**Jan Luiken Ter Haseborg**

For his enduring outstanding service to the German EMC Chapter and the EMC Society

2022 IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY & SIGNAL/POWER INTEGRITY  
**AWARD WINNERS**

**HONORED MEMBER AWARD**

**Robert Scully**

For outstanding continued service in leadership for the IEEE EMC Society

**RICHARD B. SCHULZ BEST TRANSACTIONS ON EMC PAPER AWARD**

**Majid Ahadi Dolatsara, Jose Ale Hejase, Wiren Dale Becker, Jinwoo Kim, Sung Kyu Lim, and Madhavan Swaminathan**

"Worst-Case Eye Analysis of High-Speed Channels Based on Bayesian Optimization" IEEE Transactions on Electromagnetic Compatibility, Year: 2021, Volume: 63, Issue: 1

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

**Frank T. Werner, Jelena Dinkić, Dragan Olčan, Antonije Djordjević, Milos Prvulović, and Alenka Zajić**

"An Efficient Method for Localization of Magnetic Field Sources That Produce High-Frequency Side-Channel Emanations", IEEE Transactions on Electromagnetic Compatibility, Year: 2021, Volume: 63, Issue: 6

**MOTOHISA KANDA AWARD FOR MOST CITED (2017-2021) TRANSACTIONS ON EMC PAPER AWARD**

**Saptarshi Ghosh and Kumar Vaibhav Srivastava**

"Broadband Polarization-Insensitive Tunable Frequency Selective Surface for Wideband Shielding", IEEE Transactions on Electromagnetic Compatibility, Year: 2018, Volume: 60, Issue: 1, Cited by: Papers (65)

**BEST EMC SYMPOSIUM PAPER AWARD**

**Shengxuan Xia, Jun Fan, and Chulsoon Hwang**

"Clock Duty Cycle Tuning for Desense Mitigation in Modulation – Involved Cases"

**BEST EMC SYMPOSIUM PAPER AWARD — HONORABLE MENTION**

**Fuwei Ma, Ruijie He, Sameer Walunj, Tamar Makharashvili, Chulsoon Hwang, Daryl Beetner, Brian Booth, and Kerry Martin**

"Predicting Radiated Emissions from a Complex Transportation System Wiring Harness"

**BEST SIPI SYMPOSIUM PAPER AWARD**

**Chaofeng Li, Biyao Zhao, Bo Pu, Xu Wang, DongHyun Kim, and Jun Fan**

"PEEC-Based On-Chip PDN Impedance Modeling Using Layered Green's Function"

**BEST SIPI SYMPOSIUM PAPER AWARD — HONORABLE MENTION**

**Yang Wu, Wenwu Wang, Yinghua Ye, Yinglei Ren, Michael Leddige, and Xiaoning Ye**

"Analysis of Noise Coupling from Switching Voltage Regulator and Power Distribution Network to Differential Stripline Traces"

**BEST EMC SYMPOSIUM STUDENT PAPER AWARD**

**Wei Zhang, Rui Mi, and Victor Khilkevich**

"3D Printed Multilayer Microwave Absorber"

**BEST EMC SYMPOSIUM STUDENT PAPER AWARD — HONORABLE MENTION**

**James Hunter, Shengxuan Xia, Aaron Harmon, Mohamed Z.M. Hamdalla, Ahmed M. Hassan, Victor Khilkevich, and Daryl G. Beetner**

"A Segmentation Strategy for Structures with Common Mode Coupling"

**BEST SIPI SYMPOSIUM STUDENT PAPER AWARD**

**Jiangshuai Li, Yuanzhuo Liu, Liang Liu, Shengxuan Xia, Scott Hinaga, and Victor Khilkevich**

"Dielectric Loss Tangent Extraction Using Two Single-Ended Striplines of Different Width"

**BEST SIPI SYMPOSIUM STUDENT PAPER AWARD — HONORABLE MENTION**

**Yifan Ding, Matthew S. Doyle, Samuel Connor, Dale Becker, and James L. Drewniak**

"Physics-Based Modeling for Determining Transient Current Flow in Multi-Layer PCB PI Designs"

**STUDENT EMC HARDWARE DESIGN COMPETITION AWARD**

**Lukasz Nowarkiewicz, Paulina Sznajdrowska, and Nikoloz Glonti, Poznan University of Technology, Poland**

"Charging the Phone Adventure"

**STUDENT EMC HARDWARE DESIGN COMPETITION AWARD — HONORABLE MENTION**

**Ameya Ramadurgakar, University of Colorado, Boulder**

"Dr. Strange Signal or How I Learned to Stop Worrying on PI and Learnt the Hacks"

**YOUNG PROFESSIONAL AWARD**

**Pavithrkrishnan Radhakrishnan**

For outstanding services to the IEEE EMC Society, especially in the Benelux region, and to the IEEE EMC Education Committee

**CHAPTER OF THE YEAR AWARD**

**IEEE EMC Israel Chapter**

**MOST IMPROVED CHAPTER AWARD**

**IEEE EMC Poland Chapter**

**SYMPOSIUM CHAIR AWARD**

**Alistair Duffy**

For his outstanding chairmanship of the 2021 Joint IEEE EMC+SIPI and EMC Europe Symposia

**CERTIFICATE OF RECOGNITION**

**Emily Nagel**

For outstanding service as the 2022 IEEE EMC+SIPI Companion Chair

**Bonnie Brench**

For outstanding service as the 2022 IEEE EMC+SIPI Registration Chair

**Stephanie Zajac**

For outstanding service as the 2022 IEEE EMC+SIPI Secretary and Youth Technical Program Chair

**CERTIFICATE OF APPRECIATION**

**Christos Christopoulos**

For outstanding and dedicated service as the EMC Magazine Associate Editor for Theme Papers

**Ji Chen and Akimasa Hirata**

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

**Krzysztof Sieczkarek**

For his outstanding efforts and support of the Polish EMC Chapter and the EMC Society

**Zhiping Yang, Flavio Canavero, Xiang Cui, and Erping Li**

For outstanding contributions as Associate Editors of the Transactions on EMC

**D. V. Giri, Bhyrav Mutnury, Alpesh Bhohe, and Michael McInerney**

For significant contribution to the administration and overall success of the EMC Society as Distinguished Lecturers (2020-2021)

**Ross Carlton, Caroline Chan, Tom Braxton, Henry Benitez, Yuki Fukumoto, and Davy Pissoor**

For significant contribution to the administration and overall success of the EMC Society as Members of the Board of Directors (2019-2021)

**Pavithrkrishnan Radhakrishnan, Mohammad Kameli, and Zhao Chen**

For outstanding performance revitalizing the Student EMC Hardware Design Competition

**Dennis Lewis**

For outstanding service as the 2022 IEEE EMC+SIPI Vice-Chair

**Stephen Scearce**

For outstanding service as the 2022 IEEE EMC+SIPI Treasurer

**Frank Leferink**

For outstanding service as the 2022 IEEE EMC+SIPI Symposium Technical Program Chair

**Zhiping Yang**

For outstanding service as the 2022 IEEE EMC+SIPI Technical Papers Co-Chair EMC

**Xiaoning Ye**

For outstanding service as the 2022 IEEE EMC+SIPI Technical Papers Co-Chair SIPI

**Todd Hubing and Francesca Maradei**

For outstanding service as the 2022 IEEE EMC+SIPI Special Sessions Co-Chairs

**Alistair Duffy**

For outstanding service as the 2022 IEEE EMC+SIPI Exhibition/Sponsorship Chair

**Flavia Grassi and John Maas**

For outstanding service as the 2022 IEEE EMC+SIPI Workshops and Tutorials Co-Chairs

**Mark Steffka**

For outstanding service as the 2022 IEEE EMC+SIPI Clayton R. Paul Global University Chair

**Jacob Nixon and Gabe Alcalá**

For outstanding service as the 2022 IEEE EMC+SIPI Demonstrations and Experiments Co-Chairs

**Vignesh Rajamani**

For outstanding service as the 2022 IEEE EMC+SIPI Publications Chair

**Alpesh Bhohe**

For outstanding service as the 2022 IEEE EMC+SIPI Volunteer Chair

**Patrick DeRoy**

For outstanding service as the 2022 IEEE EMC+SIPI Young Professionals Chair

**Ross Carlton**

For outstanding service as the 2022 IEEE EMC+SIPI Standards Week Chair

**Susanne Vogel**

For outstanding service as the 2022 IEEE EMC+SIPI Marketing Chair

**CONGRATULATIONS TO THE FOLLOWING EMC SOCIETY MEMBERS WHO WERE ELECTED TO THE IEEE FELLOW GRADE IN 2022.**

THESE MEMBERS ARE SHOWN BELOW WITH THEIR EVALUATING SOCIETY.

**Hongsheng Chen**, *Antennas and Propagation*

**Tommaso Isernia**, *Antennas and Propagation*

**Mario Paolone**, *Power and Energy*



**#IEEE\_ESP22**

**EMC TRANSACTIONS**

**2021 DISTINGUISHED REVIEWERS**

**Xing Chang Wei**

*Zhejiang University, China*

**Flavia Grassi**

*Politecnico di Milano, Italy*

**Giordano Spadacini**

*Politecnico di Milano, Italy*

**Yoshihiro Baba**

*Doshisha University, Japan*

**Francesco de Paulis**

*University of L'Aquila, Italy*

**Akiyoshi Tatematsu**

*Central Research Institute of Electric Power Industry, Japan*

**Mathias Magdowski**

*Otto-von-Guericke Universität, Germany*

**William Radasky**

*Metatech Corporation, USA*

**Giulio Antonini**

*University of L'Aquila, Italy*

**Niek Moonen**

*University of Twente, Netherlands*

**Giampiero Lovat**

*University of Rome "La Sapienza", Italy*

**IN MEMORIAM**

**Henry Ott:** 1936-2021

**Don Sweeney:** 1941-2021

**Bud Taggart:** 1927-2021

**Herb Mertel:** 1931-2021

**Len Carlson:** 1930-2022

**Wladyslaw Moroń:** 1932-2022

**Donald Weiner:** 1934-2021

**William Gamble:** 1940-2021

**Bill Limburg:** 1938-2021

**Cees Keyer:** 1963-2022

[www.emc2022.emcss.org](http://www.emc2022.emcss.org)