

# 2012 AWARDS

## EMC Society President's Memorial Award

**Presented in Memory of Joseph L. N. (Norm) Violette**

**Francesco Ferranti – University of Ghent**  
For his significant technical contributions to parametric macro modeling and model order reduction for EMC and SI purposes during his Ph.D. work at the University of Ghent.

## Richard R. Stoddart Award for Outstanding Performance

**Flavio Canavero**

For outstanding contributions to wideband modelling of interconnects systems, including their technological variability.

## Laurence G. Cumming Award for Outstanding Service

**Bruce Archambeault**

For outstanding service to the EMC Society Board of Directors over the last two decades including a term as Vice-President of Conference Services, Chair Technical Advisory Committee, Chair of the Awards Committee and Chair Distinguished Lecturer Program.

## Hall of Fame Award

**Hugh W. Denny**

For 50 Years of service to the IEEE and the EMC Society including significant service to the local Atlanta Chapter and the EMC Society Board of Directors. He was elected a Fellow of the IEEE in 1995 "for the advancement of technology to minimize electromagnetic interference through improved electrical and architectural design practices."

**Robert D. Goldblum**

For over 50 years of working in EMC and contributing to the EMC Society including 30 years of service as the Editor of the EMC Society Newsletter (1968-1997) and a number of terms on the EMC Society Board of Directors. He was elected a Fellow of the IEEE in 1991 "for contributions in electromagnetic compatibility testing and standards, and for promulgating increased awareness of EMC problems and their solutions."

## IEEE Fellow Award

**Sergio Amedeo Pignari**

For contributions to immunity characterization using bulk current injection test methods.

**Richard Anthony Tell**

For contributions to assessment and safety standards for human exposure to radio frequency energy.

## Technical Achievement Award

**Omar Ramahi**

For significant contribution in the development of Electromagnetic Bandgap (EBG) structures for EMC applications.

**Antonio Orlandi**

For contributions to the theory and practice of planar Electromagnetic Bandgap (EBG) structures for Power and Signal Integrity.

## Honored Member Award

**Frank Sabath**

For outstanding service and leadership as Chairman of the IEEE German EMC Chapter, service as Global and Regional Conference Coordinator, and contribution to the overall success of the IEEE EMC Society.

## Richard B. Schulz Transactions Prize Paper Award

**Magdowski, M.; Tkachenko, S.V.; Vick, R., "Coupling of stochastic electromagnetic fields to a transmission line in a reverberation chamber,"** Vol. 53, no. 2.

## Best Symposium Paper Award

**"On Different Methods to Combine Cable Information into Near-field Data for Far-field Estimation,"** Keong Kam, Andriy Radchenko, David Pommerenke, EMC Laboratory, Missouri University of Science and Technology.

**"Corona Noise Considerations for Smart Grid Wireless Communication and Control Network Planning,"** Dheena Moongilan, Bell Laboratories, Alcatel-Lucent

**"PCB Conductor Surface Roughness as a Layer with Effective Material Parameters,"** Marina Y. Koledintseva<sup>1</sup>, Alexander G. Razmadze<sup>1</sup>, Aleksandr Y. Gafarov<sup>1</sup>, Soumya De<sup>1</sup>, James L. Drewniak<sup>1</sup>, and Scott Hinaga<sup>2</sup>, <sup>1</sup>Center for Electromagnetic Compatibility, Missouri University of Science & Technology, <sup>2</sup>CISCO Systems, Inc.

## Best Student Symposium Paper Award

**First Place**

**"A Broadband, Low-Noise Time-Domain System for EMI Measurements through Ka-Band up to 40 GHz,"** Christian Hoffmann<sup>1</sup>, Ayoub Sidhom<sup>2</sup>, Stephan Braun<sup>1</sup>, Peter Russer<sup>2</sup>, <sup>1</sup>GAUSS INSTRUMENTS GmbH, Munich, Germany, <sup>2</sup>Technische Universität München, Institute for Nanoelectronics Munich, Germany.

**First Runner Up**

**"Applicability of the Thin Sheet Approximation to the Analysis of EM Emission from Coated PCBs,"** A. Vogt<sup>1</sup>, H.-D. Bruns<sup>1</sup>, S. Connor<sup>2</sup>, B. Archambeault<sup>2</sup>, C. Schuster<sup>1</sup>, <sup>1</sup>Technische Universität Hamburg-Harburg, Germany, <sup>2</sup>IBM, Research Triangle Park, NC, USA.



## Best Student Design Award

**Evan Cornell, Perry Greenwood, and Yaoning Wu**  
Rose-Hulman Institute of Technology

## John Howard Memorial University Grant Award

**Dr. Petre-Marian Nicolae**  
from the University of Craiova, Romania

## Sustained Service to the EMC Society Award

**Graham Kilshaw**

For service as the leader in the on going success of the Philadelphia Chapter of the EMC Society, including being the catalyst to reactivate the Chapter in 2007 and serve as Chapter Chair for six years.

**Ken Wyatt**

For a decade of service as the Society's Symposium photographer and Newsletter cover designer.

**Janet O'Neil**

For sustained service to the EMC Society both at a national level as secretary of the EMC Society Board of Directors for over 25 years, and on a local level for assisting many local EMC Chapters in organizing countless EMC meetings and mini-symposia.

## Certificate of Acknowledgement

**Lars Ole Fichte**

For outstanding service to the IEEE Germany Section EMC Chapter by organizing the HPE 201 - 2011 Short Course on High-Power Electromagnetics, Schloß Noer, Noer, Germany.

**Renaud Gillon**

For outstanding service as the Chairman of the 8th Workshop on EMC of Integrated Circuits (EMC Compo 2011), Dubrovnik, Croatia.

**Jinliang He**

For outstanding service as the Chairman of the 7th Asia-Pacific International Conference on Lightning (APL 2011), Chengdu, China.

**Franz Schlagenhauser**

For outstanding service as the Chairman of the 2011 EMC Society of Australia Symposium (EMCSA 2011) in Perth, Australia.

**Andy Marvin**

For outstanding service as the Chairman of the EMC Europe 2011 conference in York, United Kingdom.

# LUNCHEON PROGRAM

## Chapter Founder Award

**Hakan Partal**

For forming the Syracuse Section AP/ EMC/MTT Joint Societies Chapter, 19 March 2011.

**Vesna Javor**

For forming the Serbia and Montenegro Section EMC Society Chapter, 6 May 2011.

**Kuifeng Hu**

For forming the Pikes Peak Section EMC/MTT/ AP Joint Societies Chapter, 30 September 2011.

## Chapter of the Year Award

**IEEE Singapore Section EMC Chapter**

## Most Improved Chapter Award

**IEEE Harbin Section AP/EMC/MTT Joint Societies Chapter**

## Symposium Chair Award

**Ray Adams**

For his leadership and dedication as General Chairman of the very successful 2011 IEEE International Symposium on Electromagnetic Compatibility.

## Certificate of Recognition

**Judy Rohrbaugh**

For outstanding service as the 2012 IEEE International Symposium Companion Program Chair.

**Tammy Cox**

For outstanding service as the 2012 IEEE International Symposium Registration co-chair.

**Janet Nichols**

For outstanding service as the Editor for the 2012 IEEE International Symposium on EMC.

**Rhonda Rodriguez**

For outstanding service as the Arrangements Co-Chair for the 2012 IEEE International Symposium on EMC.

**Dianne Paris**

For outstanding service as the Hospitality/Tours Co-Chair for the 2012 IEEE International Symposium on EMC.

## In Memoriam

Ferdy Mayer, 1926-2010

Frederick Bauer, 1920-2011

James J. Whalen, 1935-2011

Terry Donohoe, 1958-2011

Chuck Blahunka, 1939-2011

William E. (Gene) Cory, 1927-2012

Clayton R. Paul, 1941-2012

## Certificate of Appreciation

**Bruce Archambeault**

For outstanding service as the Technical Program Chair for the 2012 IEEE International Symposium on EMC.

**Jun Fan**

For outstanding service as the Technical Paper Chair for the 2012 IEEE International Symposium on EMC.

**John Maas**

For outstanding service as the Workshops/Tutorial Chair for the 2012 IEEE International Symposium on EMC.

**Colin Brench**

For outstanding service as the Special Sessions Chair for the 2012 IEEE International Symposium on EMC.

**Chuck Bunting**

For outstanding service as the Global University Chair for the 2012 IEEE International Symposium on EMC.

**Eric Bogatin**

For outstanding service as the Global University Co-Chair (Signal Integrity) for the 2012 IEEE International Symposium on EMC.

**Sam Connor**

For outstanding service as the Demonstrations/Experiments Chair for the 2012 IEEE International Symposium on EMC.

**Bob Scully**

For outstanding service as the Demonstrations/Experiments Chair for the 2012 IEEE International Symposium on EMC.

**Irina Kasperovich**

For outstanding service as the Registration Co-Chair for the 2012 IEEE International Symposium on EMC.

**Alee Langford**

For outstanding service as the Marketing Chair for the 2012 IEEE International Symposium on EMC.

**John Rohrbaugh**

For outstanding service as the Publications and Promotions Chair for the 2012 IEEE International Symposium on EMC

**Andy Drozd**

For outstanding service as the Exhibits Chair for the 2012 IEEE International Symposium on EMC.

**Amy Pinchuk**

For outstanding service as the Youth Technical Program Coordinator for the 2012 IEEE International Symposium on EMC.

**Larry Cohen**

For outstanding service as the Hospitality/Tours Co-Chair for the 2012 IEEE International Symposium on EMC.

**Kimball Williams**

For outstanding service for serving as the Advisor for the 2012 IEEE International Symposium on EMC

**Dennis Lewis**

For outstanding service as the Arrangements Co-Chair for the 2012 IEEE International Symposium on EMC.

**Sandra Nallely Hernandez**

For outstanding service as the Volunteer Chair for the 2012 IEEE International Symposium on EMC.