

**2019 Joint International Symposium on Electromagnetic  
Compatibility and Asia-Pacific International Symposium on  
Electromagnetic Compatibility, Sapporo  
(EMC Sapporo & APEMC 2019)**

— Awardees —

***Risaburo Sato Award***

**A Novel Estimation Technique Using K-Order Models to Evaluate the Maximum Electric Field of Multiple-Antenna Transmitters**

Dinh Thanh Le, Kun Li, Soichi Watanabe and Teruo Onishi

***Excellent Paper Award***

**Further Effects of Test Voltages, Relative Humidity and Temperature on Air Discharge Currents from Electrostatic Discharge Generator**

Takeshi Ishida and Osamu Fujiwara

**Introduction of the Amplitude Probability Distribution (APD) Measurement in CISPR 32**

Toshio Chiyojima

**Setting Reference Level in Human Safety Guidelines via Cortical Nerve Activation Intercomparison at IF**

Jose Gomez-Tames, Essam Rashed, Akimasa Hirata, Thomas Tarnaud,  
Emmeric Tanghe, Tom Van de Steene, Luc Martens and Wout Joseph

**Frequency-Domain Characterization and Modelling of a Multi-Layer Ceramic Capacitor for RF Applications**

Hrvoje Štimac, Raul Blečić, Renaud Gillon and Adrijan Barić

***IEEE EMC Society Japan Joint/Sendai Chapters Student Award***

**Hsu-Wei Liu**

**Miniaturized Quarter-Wavelength Resonator for Common-Mode Filter  
Based on Pattern Ground Structure**

Hsu-Wei Liu, Chi-Hsuan Cheng and Tzong-Lin Wu

**Minghui Chen**

**Circuit Design for Common-Mode Noise Rejection in Biosignal Acquisition  
Based on Imbalance Cancellation of Electrode Contact Resistance**

Minghui Chen, Daisuke Anzai, Jianqing Wang and Georg Fischer

**Kyungjun Cho**

**Modeling and Analysis of Multiple Coupled Through-Silicon Vias (TSVs)  
for 2.5-D/3-D ICs**

Kyungjun Cho, Youngwoo Kim, Junyong Park, Hyesoo Kim, Seongguk Kim, Subin Kim,  
Gapyeol Park, Kyungjune Son and Joungho Kim