

Session Title	[PA-A6] Electromagnetic Compatibility
Date and Time	June 19 (Monday) / 14:10-16:00
Place	Rm. 103 (1F)
Session Chair	József Pávó (Budapest Univ. of Tech. and Economics, Hungary)

PA-A6-1 **Digest ID: 4**

A Methodology to Calculate Potentials on Buried Electrodes Considering Coupling Between Conductors by the Soil

Gazzana, Daniel S (1,2); Dias, Guilherme A. D. (1); Tronchoni, Alex. B. (1); Leborgne, Roberto C. (1); Bretas, Arturo S. (1,3); Telló, Marcos (4)
 1: UFRGS University, Brazil; 2: Swiss Federal Institute of Technology EPFL, Switzerland; 3: University of Florida, USA; 4: State Company of Electrical Energy CEEE-D, Brazil

PA-A6-2 **Digest ID: 5**

An Improved Soil Ionization Representation to Numerical Simulation of Impulsive Grounding Systems

Gazzana, Daniel S (1,2); Tronchoni, Alex B. (1); Bretas, Arturo S. (1,3); Thomas, Dave W. P. (4); Christopoulos, Christos (4)
 1: UFRGS University, Brazil; 2: Swiss Federal Institute of Technology EPFL, Switzerland; 3: University of Florida, USA; 4: University of Nottingham, UK

PA-A6-3 **Withdrawn**

PA-A6-4 **Withdrawn**

PA-A6-5 **Digest ID: 84**

Waveform Adjustments on Radiated Immunity Standards over the 210-216 MHz Frequency Range

de São José, Artur Nogueira (1); Adriano, Ricardo (1); Resende, Úrsula do Carmo (2); Menezes, Magno Alves de (3); Batalha, Rose Mary de Souza (3); Mologni, Juliano Fujioka (4)
 1: Federal University of Minas Gerais, Brazil; 2: Federal Center for Technological Education of Minas Gerais, Brazil; 3: Pontifical Catholic University of Minas Gerais, Brazil; 4: ESSS, Brazil

PA-A6-6 **Digest ID: 93**

The Friedman Test as a Statistical Tool to Deal with Measurement Noise in Electromagnetic Compatibility Analysis

Menezes, Magno Alves de (1); Batalha, Rose Mary de Souza (1); de São José, Artur Nogueira (2); Adriano, Ricardo (2); Resende, Úrsula do Carmo (3)
 1: Pontifical Catholic University of Minas Gerais, Brazil; 2: Federal University of Minas Gerais, Brazil; 3: Federal Center for Technological Education of Minas Gerais, Brazil

PA-A6-7 **Digest ID: 113**

Calculation of space charge density in negative corona based on finite element iteration and sound pulse method

Liao, Rujin; Liu, Hongbo; Zhu, Qingdai; Zhao, Xuetong; Liu, Kanglin; Li, Xing
 Chongqing University, China, People's Republic of

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Digest ID: 268

A broadband electromagnetic homogenization method for composite materials

Al Achkar, Ghida (1); Pichon, Lionel (1); Benjelloun, Nabil (2); Daniel, Laurent (1)
1: GeePs (Group of Electrical Engineering, Paris), France; 2: Irseem - Esigelec, France

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Digest ID: 280

FEM Computation in the Time Domain for Calibration of Electromagnetic Near-Field Scanning Technique

Bauer, Susanne Maria; Bíró, Oszkár; Koczka, Gergely; Gleinser, Andreas; Winkler, Gunter
TU Graz, Austria

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Withdrawn

PA-A6-11

Withdrawn

PA-A6-12

Digest ID: 401

Frequency-dependent Multi-conductor Transmission Line Model for Shielded Power Cable Considering Geometrical Dissymmetry

Huangfu, Youpeng (1,2); Wang, Shuang (1); Wang, Song (1); Li, Hailin (1); Wang, Shuhong (1)
1: Xi'an Jiaotong University, China, People's Republic of; 2: Politecnico di Milano, Italy

PA-A6-13

Withdrawn

PA-A6-14

Digest ID: 471

Numerical Analysis of Transient Electromagnetic Radiation Field in GIS Electronic Instrument Transformer Under VFTO Excitation

Zhou, Tian; Guan, Xiangyu; Kang, Bing; Li, Zipin; Shu, Naiqiu
School of Electrical Engineering Wuhan University, China, People's Republic of

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Digest ID: 505

Analysis Method of Induction Heater for Electric Vehicle

Yu, Seok-Hyun; Kang, Jun-Kyu; Kim, Ki-Chan
Hanbat National University, Korea, Republic of (South Korea)

PA-A6-16

Digest ID: 725

Steerable Electromagnetic Transmission of Metal Strips on A Magnetized Ferrite Slab

Park, Hyun Ho (1); Ahn, Seungyoung (2)
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