

2016 51st International Universities Power Engineering Conference (UPEC 2016)

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Technical Programme

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11:00 - 12:30 Parallel Paper Sessions PS21–PS25

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Session Chair: Prof. Naoto Nagaoka, Doshisha University, Japan

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Session Chair: Prof. Dan Micu, Technical University of Cluj Napoca, Romania

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DEE, Room: E021

Session Chair: Prof. Ghanim Putrus, University of Northumbria, UK

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Session Chair: Dr. Essam Hamdi, Teesside University, UK

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DEE, Room: E021

Session Chair: Dr. Mohamed E. Farrag, Glasgow Caledonian University, UK

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DEE, Room: LSEE

Session Chair: Dr. Hassan Nouri, University of West England, UK

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| 328 | Generating Synthetic Electric Power System Data with Accurate Electric Topology and Parameters | 958 |
| | Zhifang Wang, Seyyed Hamid Elyas,
Virginia Commonwealth University, Richmond VA, USA
Robert J. Thomas, Cornell University Ithaca, NY, USA | |

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09:00 - 10:30 Parallel Paper Sessions PS31–PS35

Session PS35 **Power Engineering Education (3)**
EM Building, Room: Anfiteatro EM

Session Chair: Prof. Fernando Lopes, IPC/ISEC, Portugal

270 **Systems for Micro Generation and Energy Storage, State of the Art – Example of the Piezoelectric Effect** 964
Ana Ramos, André Pinto, IPC/ISEC, Coimbra, Portugal
Inácio Fonseca, IPC/ISEC and CEMUC, Coimbra, Portugal
C. M. Machado Ferreira, IPC/ISEC and INESC Coimbra, Portugal

297 **An Educational Platform for Residential and Industrial Energy Monitoring** 970
Fábio Carraco, Gonçalo Santos, IPC/ISEC, Coimbra, Portugal
Inácio Fonseca, IPC/ISEC and CEMUC, Coimbra, Portugal
Fernando Lopes, IPC/ISEC and IT Coimbra, Portugal

395 **Ratings of Technical Universities of the World Problems and Forecasts** 976
Suleyman V. Levinzon, Baumann Moscow State University, Darmstadt, Germany
Natalia V. Tsarkova, Baumann Moscow State University, Kaluga, Russia

403 **Ethics and Civic Education in the Curriculum of Portuguese Power Engineering Courses** 981
Fátima Monteiro, IPC/ISEC, Coimbra, Portugal
Carlinda Leite, Cristina Rocha, Faculdade de Psicologia e de Ciências da Educação da Universidade do Porto, Portugal

Additional Paper:

95 **Undesired Islanding of MV Networks sustained by LV Dispersed Generators compliant with present Grid Code Requirements** 674
Fabio Bignucolo
Andrea Savio
Robert Turri
Alberto Cerretti
