ICHQP 2014

16th International Conference on

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University POLITEHNICA of Bucharest

Table of Contents

WELCOME FROM CONFERENCE CHAIRS	3
ICHQP STEERING COMMITTEE	4
ICHQP 2014 ORGANIZING COMMITTEE	5
ICHQP 2014 TECHNICAL REVIEW COMMITTEE	6
GENERAL INFORMATION	7
CONFERENCE VENUE	7
REGISTRATION AND INFORMATION DESKS	7
SMOKING POLICY	7
UNIVERSITY POLITEHNICA OF BUCHAREST CAMPUS MAP	8
MORNING & AFTERNOON COFFEE/TEA BREAK	9
LUNCH	9
SOCIAL EVENTS	9
GUIDELINES FOR AUTHORS AND PRESENTERS	10
TUTORIALS DETAILS	11
KEYNOTE ADDRESS DETAILS	12
EXHIBITION AREA	13
INTERNET POINT	13
CONTACT NUMBER IN CASE OF DIFFICULTIES	13
SESSIONS AT A GLANCE	14
SUNDAY 25TH MAY 2014	14
MONDAY 26TH MAY 2014	15
TUESDAY 27TH MAY 2014	16
WEDNESDAY 28TH MAY 2014	17
OPENING CEREMONY	18
CHAIRMEN SESSION DISTRIBUTION	19
SESSION 1 - MONDAY 11:30 – 13:00	20
SESSION 2 - MONDAY 14:00 – 15:30	25
SESSION 3 - MONDAY 16:00 – 17:30	30
SESSION 4 - TUESDAY 08:30 – 10:00	34
SESSION 5 - TUESDAY 10:30 – 12:00	39
POSTER SESSION 1 - TUESDAY 12:00 – 13:00	44
SESSION 6 - WEDNESDAY 8:30 – 10:00	46
SESSION 7 - WEDNESDAY 10:30 – 12:00	51
POSTER SESSION 2 - WEDNESDAY 12:00 – 13:00	55
AUTHOR INDEX	58

SESSION 6A - Economic Impacts and Management of Power Quality

Wednesday 8:30 – 10:00

Room: A

Chairman – ***Mihnea Costoiu*** – *University POLITEHNICA of Bucharest, Romania*

#5 "**Power Quality Management in a Syderurgic Factory**"

George Cristian Lazaroiu, Mihnea Costoiu, Costel Carstea, Nicolae Golovanov, Oana Udrea – *University POLITEHNICA of Bucharest, Romania;* Mariacristina Roscia - *University of Bergamo, Italy*

#157 "**Power Quality General Levels in Distribution Networks**"

Denisa Rusinaru, Leonardo Geo Manescu - *University of Craiova, Romania*; Marius Merfu - *Electropower Systems, Romania*; Petru Postolache - *University Politehnica of Bucharest, Romania*

#150 "**Power Quality Causes of Failures in Colombia´s Rural**"

O.J. Soto Marín, E.A. Cano Plata, A.J. Ustariz-Farfan - *Universidad Nacional de Colombia, Colombia*

#98 "**Indices for the Power Quality Monitoring in the Romanian Power Transmission System**"

Pavel Atănăsoae, Radu Pentiuc - *"Ştefan cel Mare" University of Suceava, Romania*

#199 **"AC vs. HVDC Back to Back Interconnection cost benefit analysis"**

Oana Udrea, Gabriela Ungureanu – *University POLITEHNICA of Bucharest, Romania*
George Lazaroiu, Mihnea Costoiu – *University POLITEHNICA of Bucharest, Romania*

SESSION 7C - Power Quality Case Studies

Wednesday 10:30 – 12:00

Room: C

Chairman – ***Stefan Gheorghe*** – *Energobit, Romania*

#165 **"The Management of Power Quality, Energy Efficiency and The Performance of The Companies"**

Stefan GHEORGHE – *Energobit, Romania*;
Nicolae GOLOVANOV - *University Politehnica of Bucharest, Romania*;
Hermina Albert - *ISPE, Romania*;
Carmen Stanescu, Doina Ilisiu – *Transelectrica, Romania*

#180 **"Harmonics: Examples of negative impacts"**

Radislav Milankov, Milanko Radić - *Electrodistribution Company, Serbia*

#196 **"Knowledge Discovery and Data Mining for Power Quality Analysis"**

Adela Vintea - *University Politehnica of Bucharest, Romania*;
Catalin Andreica - *Elster Rometrics SRL, Romania*;
Dan Apetrei - *Elsaco Energy SRL, Romania*;
Carmen Stanescu - *Transelectrica SA, Romania*;
Mihai Sarb - *Energobit SRL, Romania*

#225 **"Architecture and functionalities of a Smart Distribution Management System"**

Alberto Berizzi, Cristian Bovo, Davide Falabretti, Valentin Ilea, Marco Merlo, Gabriele Monfredini, Milos Subasic - *Politecnico di Milano, Italy*;
Maurizio Bigoloni, Ivan Rochira - *IC SG Energy Automation Siemens S.p.a., Milano, Italy*;
Roberto Bonera - *Università degli Studi, Milano, Italy*

#215 **"Concepts and Models for Design and Simulation of Distributed Control Systems for Future Power Grid"**

Valentin Vlad, Cezar Dumitru Popa, Adrian Graur, Radu Pentiuc - *Stefan cel Mare University of Suceava, Romania*