6th International Conference on Power Systems Transients IPST 2005 - Montréal

Paper Selection

Session Schedule

László Prikler

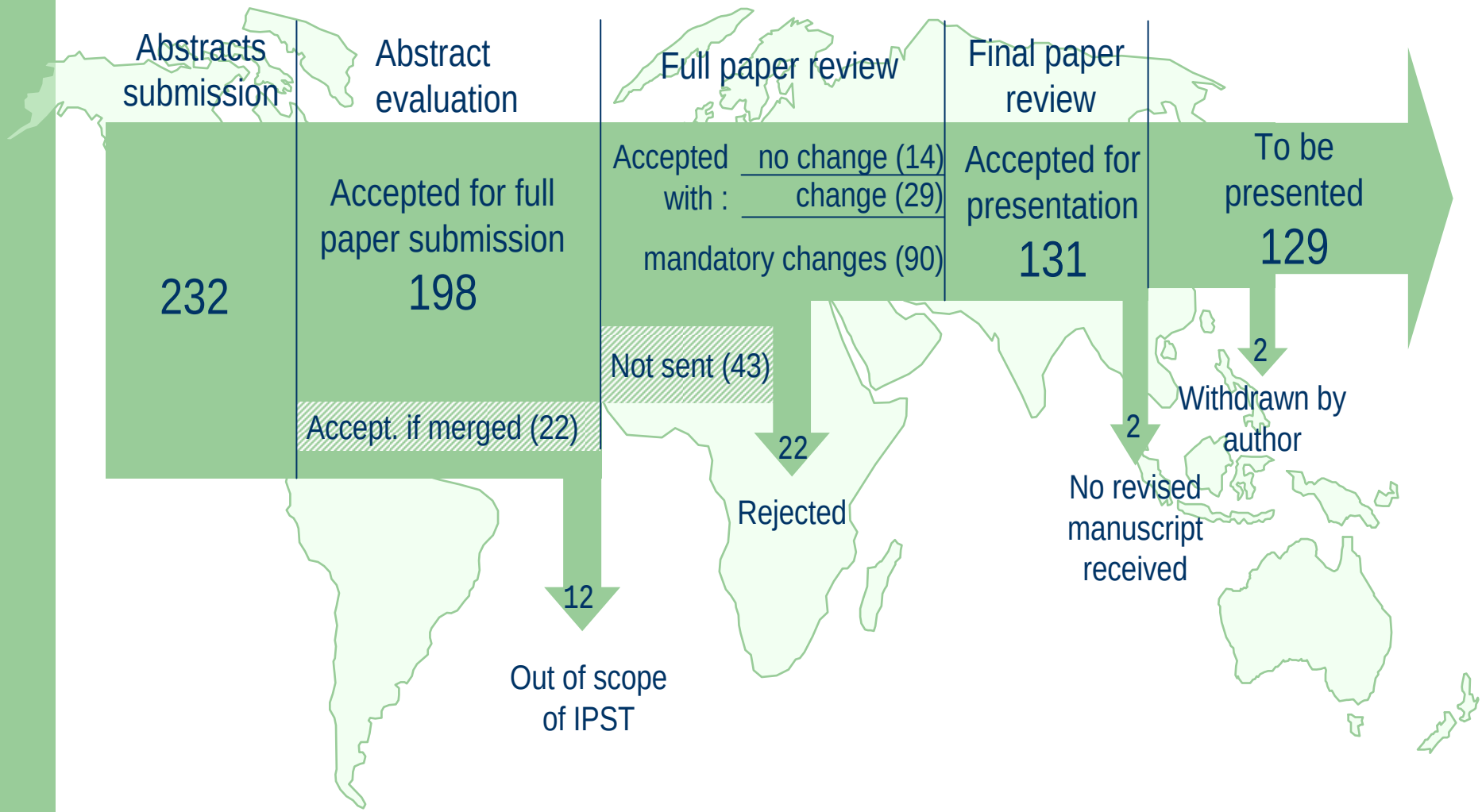
TC Co-chairman

Budapest University of Technology & Economics - Hungary

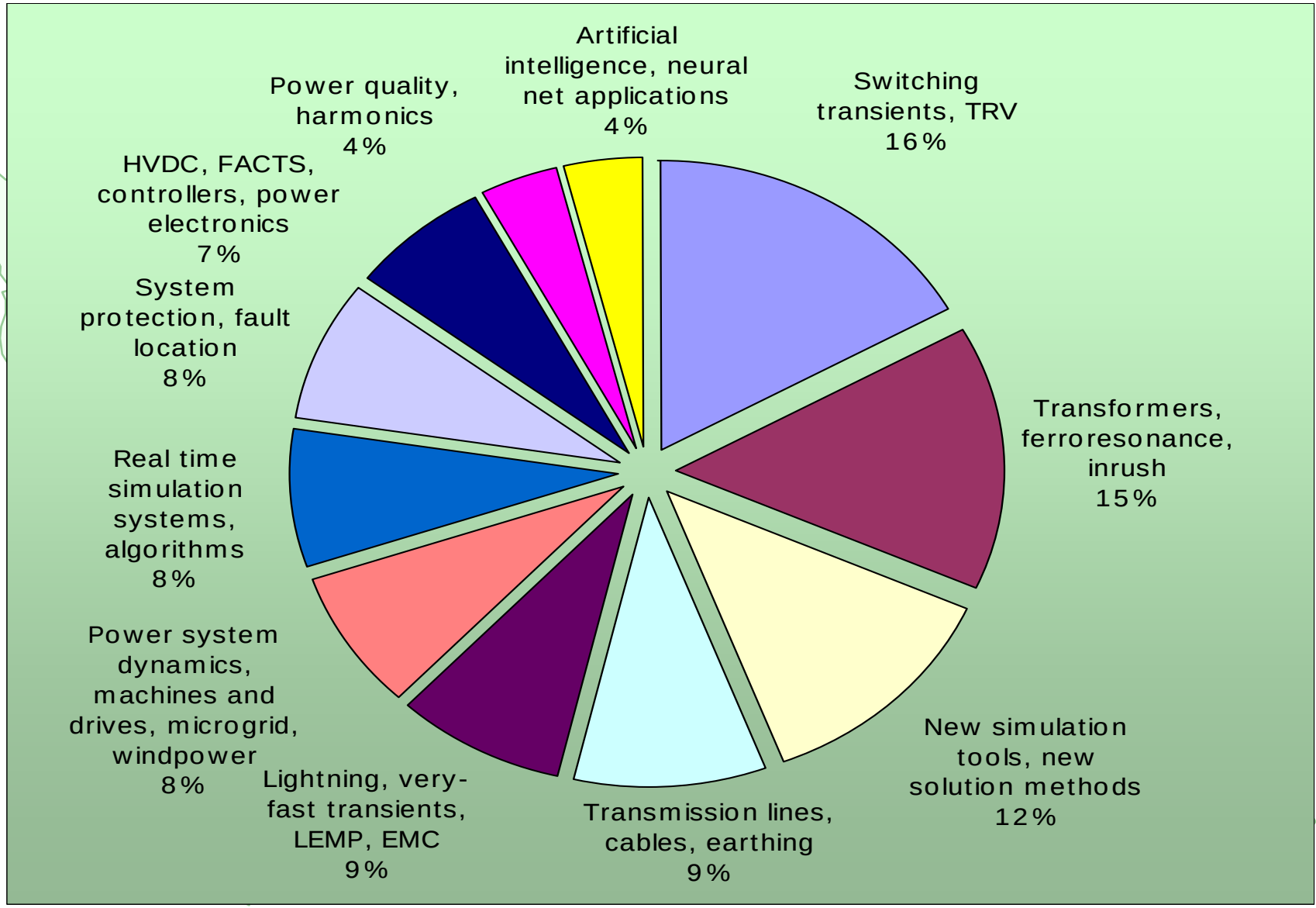
Technical Committee Members

- S. Pack (Austria), Co-hair
- L. Prikler (Hungary), Co-chair
- A. Ametani (Japan)
- S. Carneiro Jr. (Brazil)
- A. Chaudhary (USA)
- L. Dubé (Canada)
- T. Funabashi (Japan)
- T. Funaki (Japan)
- B. Gustavsen (Norway)
- N. Hatziargyriou (Greece)
- L. Hofmann (Germany)
- H.Kr. Hoidalen (Norway)
- R. Iravani (Canada)
- G. Irwin (Canada)
- B. Johnson (USA)
- W. Jung-Wook (Korea)
- H. Knudsen (Denmark)
- L.T.G. Lima (USA)
- J. Mahseredjian (Canada)
- J. Marti (Canada)
- J.A. Martinez (Spain)
- B.A. Mork (USA)
- L. Naredo (Mexico)
- W. A. Neves (Brazil)
- T. Noda (Japan)
- C.A. Nucci (Italy)
- B.R. Oswald (Germany)
- M.M. Saha (Sweden)
- L.A. Snider (USA)
- V. Sood (Canada)
- K. Strunz (USA)
- M.C. Tavares (Brazil)
- K.A. Walshe (Australia)
- Y.-J. Wang (Taiwan)
- N.R. Watson (New Zealand)
- I. Dudurych (Ireland)
- A. Xemard (France)
- L. Zanetta (Brazil)
- A. F. Zobaa (Egypt)

Paper Review Process



Distribution of Papers *by Fields*

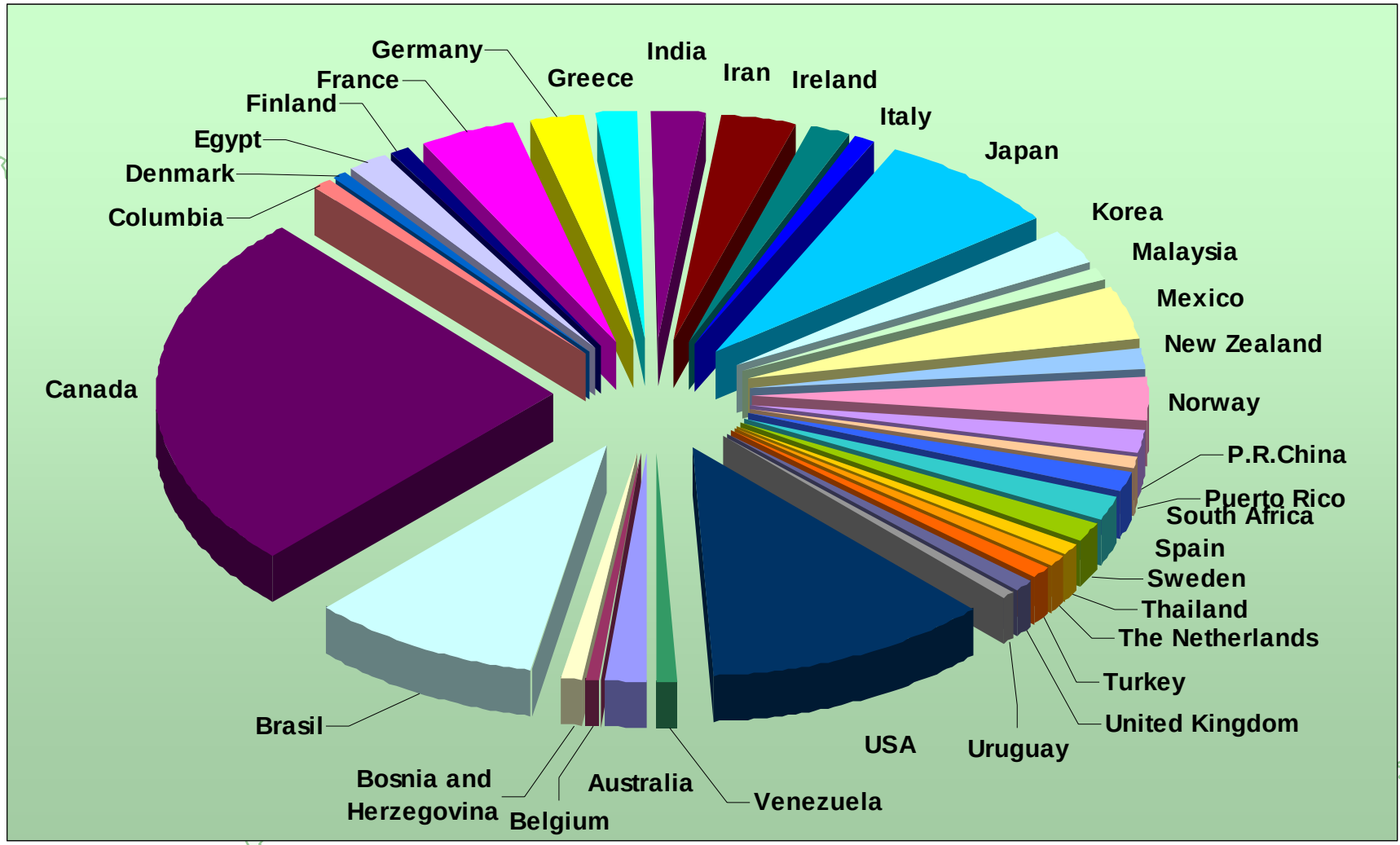


Paper Sessions

26 Technical Sessions, 129 papers

1. New Tools and New Techniques
2. Transmission Line Models
3. Transformers (1) - High Frequency Models
4. Earthing Systems
5. Power Quality & Harmonics
6. System Dynamics, SSR studies
7. Switching Transients (1)
8. Microgrid & Windpower
9. Lightning Protection
10. Transformers (2) - Low Frequency Transients & Models
11. Solution Methods (1)
12. Transformers (3) - Ferroresonance
13. Artificial Intelligence Applications
14. Transformers (4) - Data & Measurements
15. Solution Methods (2)
16. Switching Transients (2) - Mitigation Techniques
17. Controllers, FACTS
18. Switching Transients (3)
19. Protection Techniques (1)
20. Switching Transients (4) - TRV
21. Protection Techniques (2)
22. Power Electronics Applications
23. Modeling Decisions
24. Lightning Surges & Very Fast Transients
25. Real Time Simulation Systems (1)
26. Real Time Simulation Systems (2)

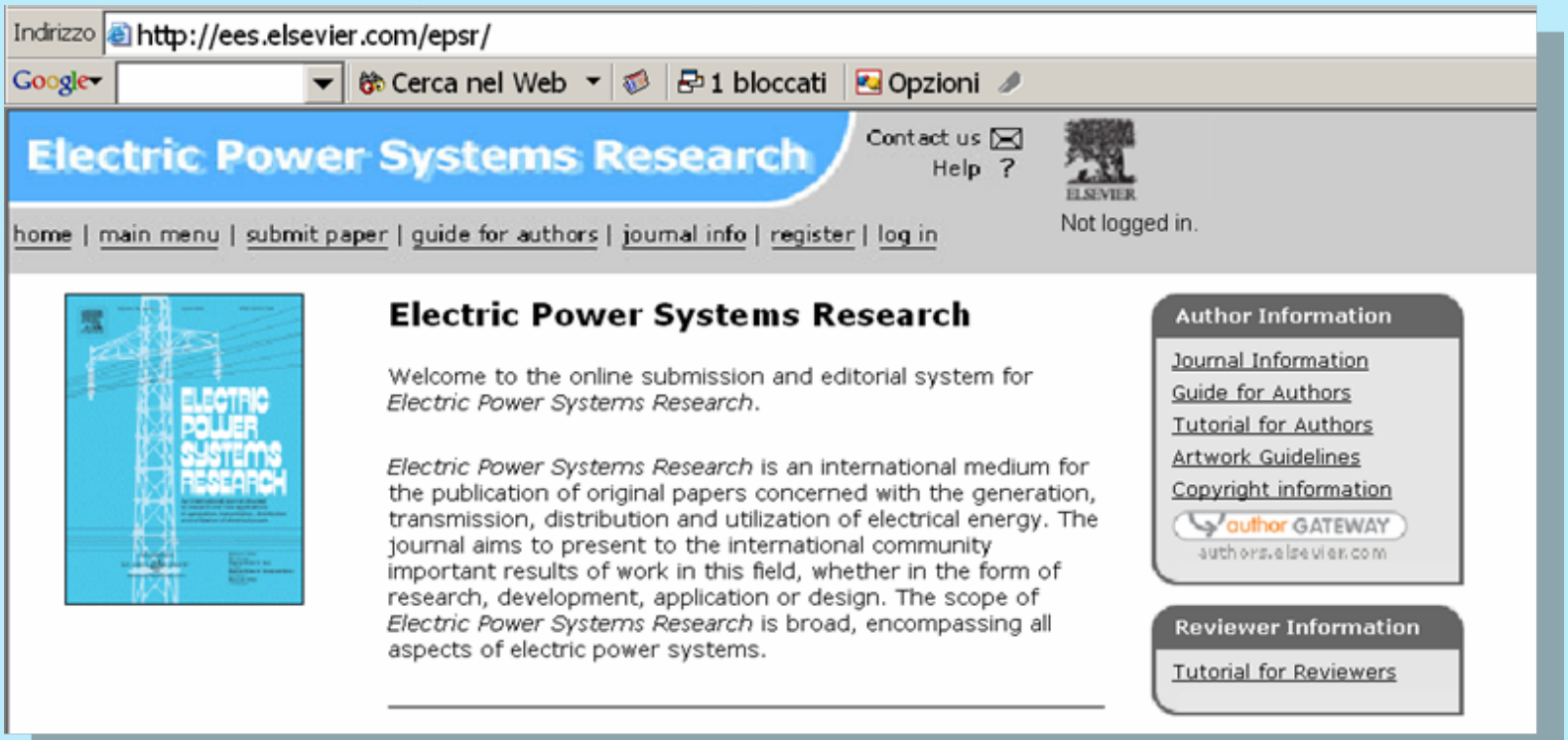
Distribution of Accepted Papers *by Country (34)*



EPSR Journal Special Issue on Transients

Based on selected papers presented at the IPST '03 New Orleans

Guest Editors: Aki Ametani, Doug Mader and Carlo Alberto Nucci



EPSR Special Issue on Transients – IPST '03

- The following 13 paper represent a selection from of those that have been indicated by Session chairpersons.
- We are waiting for the last one to arrive and will then proceed with the publication.
- The publication of the special issue is foreseen for December 2005.
- Another EPSR special issue will be devoted to IPST '05 Montreal.

2-1 Approximations Introduced by Lumped ResistancesTransmission Line Model
T. Henriksen

2-2 Robust Phase-Domain Transmission Line Representationon Time-Domain Fitting
D.M. Nobre, W.C. Boaventura, and W.L.A. Neves

3b-4 Interpolation and Reinitialization for the Simulation of Power Electronic Circuits
M. Zou, J. Mahseredjian, G. Joos, B. Delourme, and L. Gerin-Lajoie

4a-3 Potential Risk of Failures in Switching EHV Shunt Reactors in Some One-and-a-Half Breaker Scheme Substations
B. Khodabakhchian, J. Mahseredjian, M.-R. Sehati, and M. Mir-Hosseini

4b-2 Simulation of Resonance Over-voltage during Energization of High Voltage Power Network
C.P. Cheng and S. Chen

EPSR Special Issue on Transients – IPST '03 *Con't*

5a-3 Wavelet Transform Based Relay Algorithm for the Detection of Stochastic High Impedance Faults
T.M. Lai, L.A. Snider, and E. Lo

5d-2 Detection of Fault Induced Transients in EHV Transmission Lines for the Development of a Fault Locator System
F. Salgado Carvalho and S. Carneiro Jr.

6a-3 Induction Motor Response to Voltage Dips
A. Leiria, P. Nunes, A. Morched, and M.T. Correia de Barros

6b-1 ATP Modelling and Field Tests of the AC Voltage Regulator in the Palmar Hydroelectric Power Plant
C. Saldaña, G. Calzolari, and G. Cerecetto

9a-3 Simulation of Hysteresis and Eddy Current Effects in a Power Transformer
W. Chandrasena, P.G. McLaren, U.D. Annakkage, R.P. Jayasinghe, D.Muthumuni, and E. Dirks

9d-4 Reducing the Magnetizing Inrush Current by Means of Controlled Controlled Energization and De-Energization of Large Power Transformers
L. Prikler, G. Banfai, G. Ban, and P. Becker

10-4 Arc Characteristics and a Single-Pole Auto-Reclosure Scheme for Alexandria HV Transmission System
A.I. Megahed, H.M. Jabr, F.M. Abouelenin, and M.A. Elbakrey

14b-2 Lumped Network Model of a Resistive Type High Tc Fault Current Limiter for Transient Investigations
R. Petranovic and A.M. Miri