

6th

International Conference on Power Systems Transients IPST 2005 - Montréal



Paper Selection
Session Schedule

László Prikler

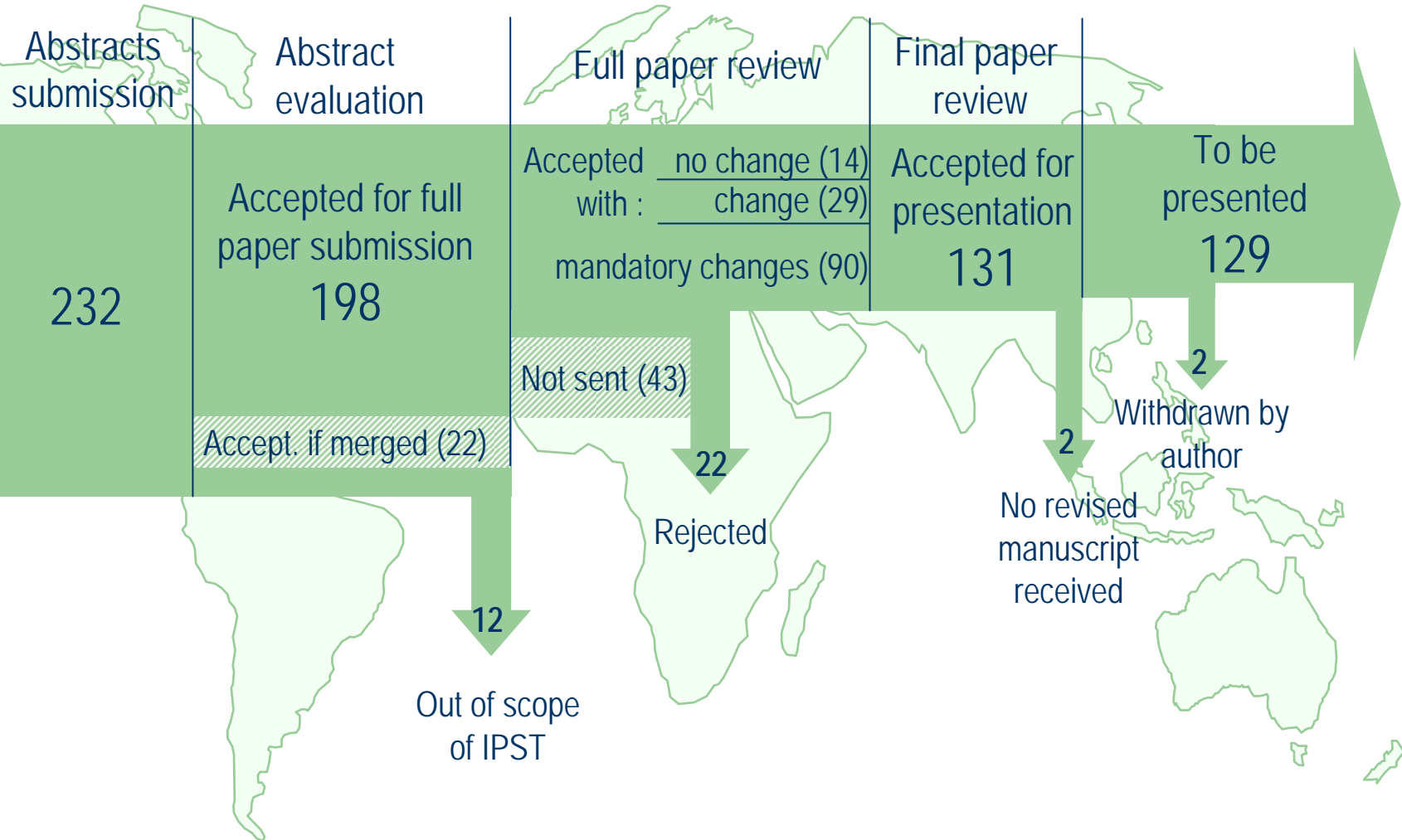
TC Co-chairman

Budapest University of Technology &
Economics - Hungary

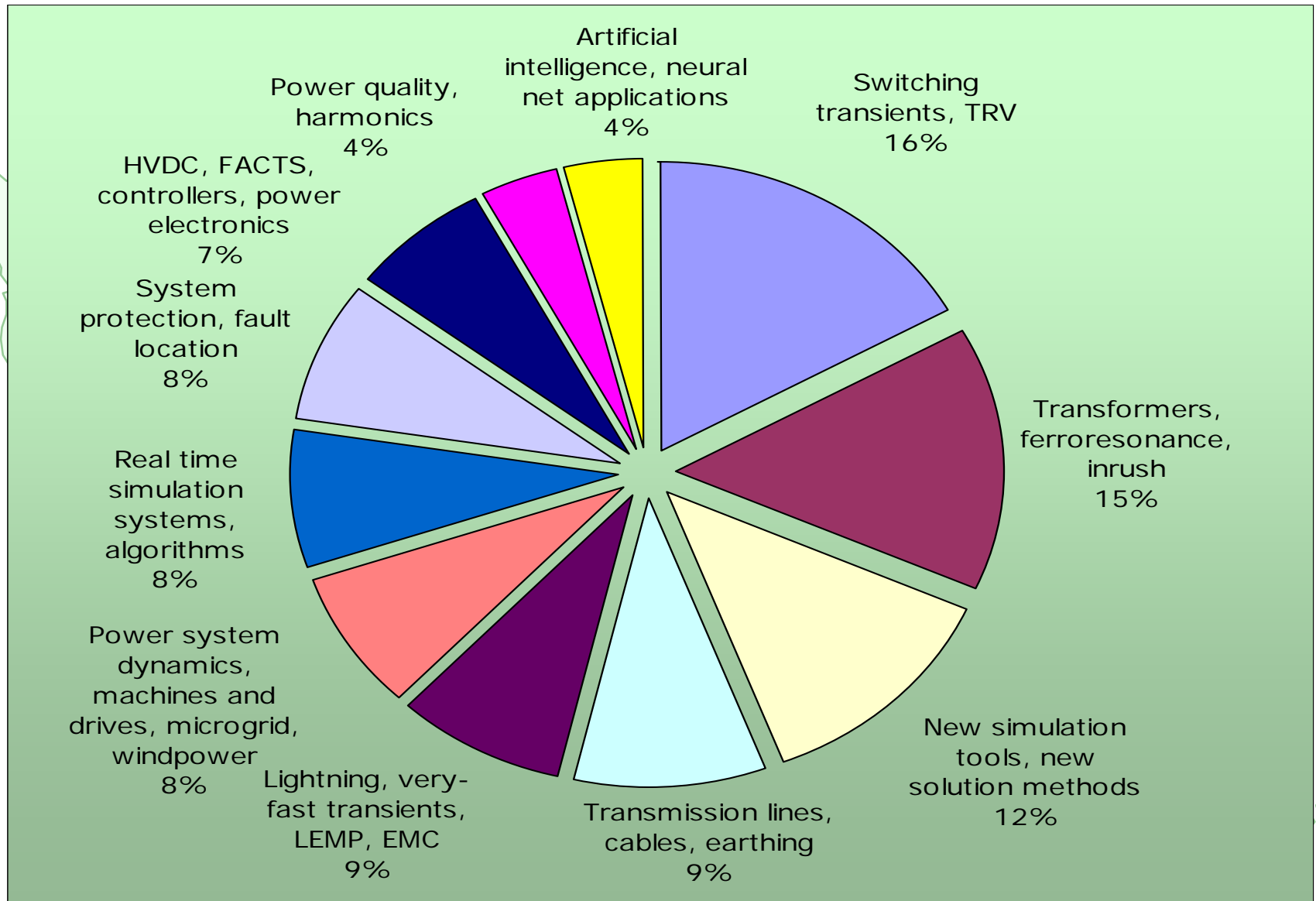
Technical Committee Members

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 - L. Prikler (Hungary), Co-chair
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 - 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. Hoidalén (Norway)
 - R. Iravani (Canada)
 - G. Irwin (Canada)
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 - 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

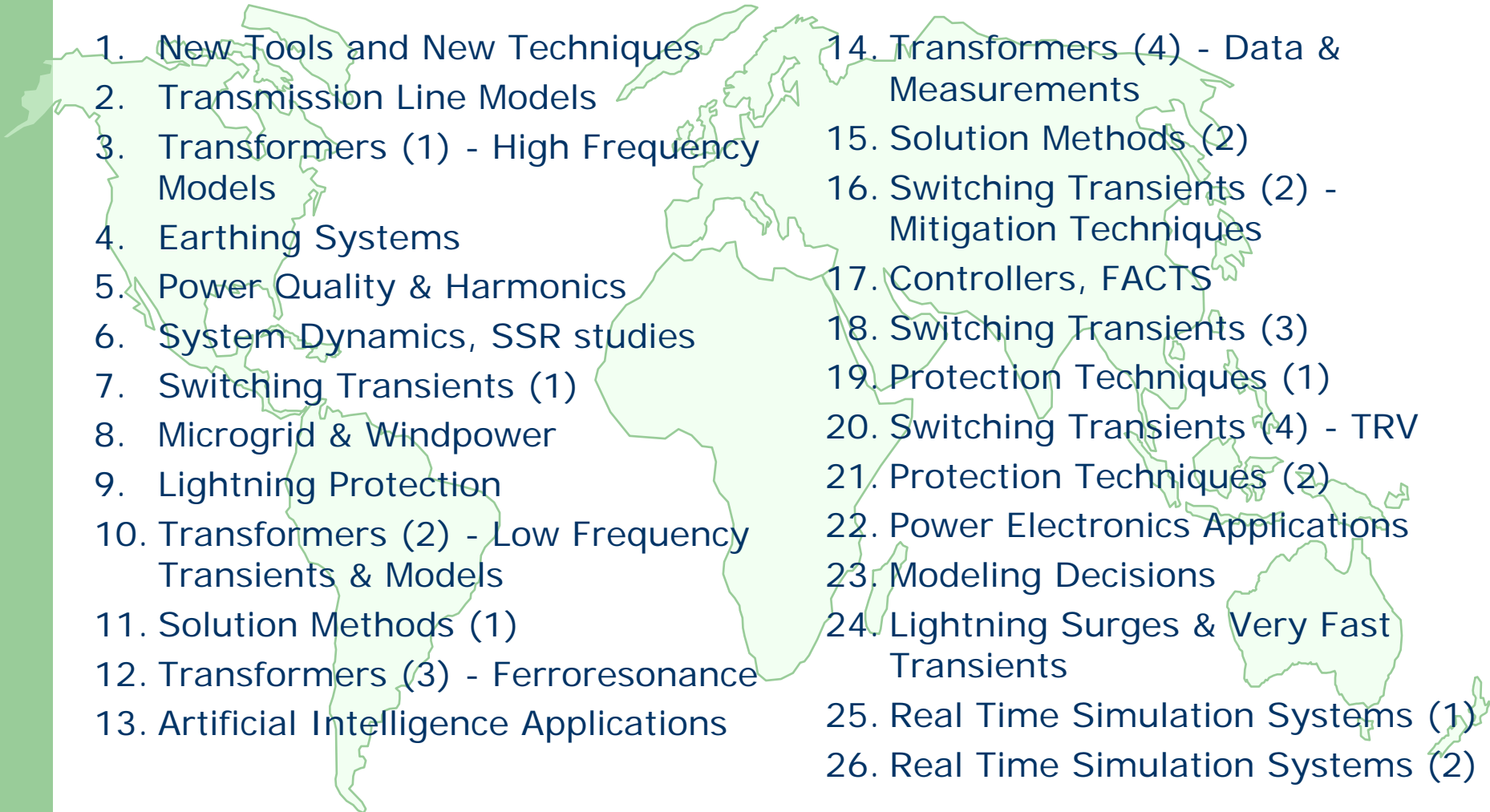


Distribution of Papers *by Fields*

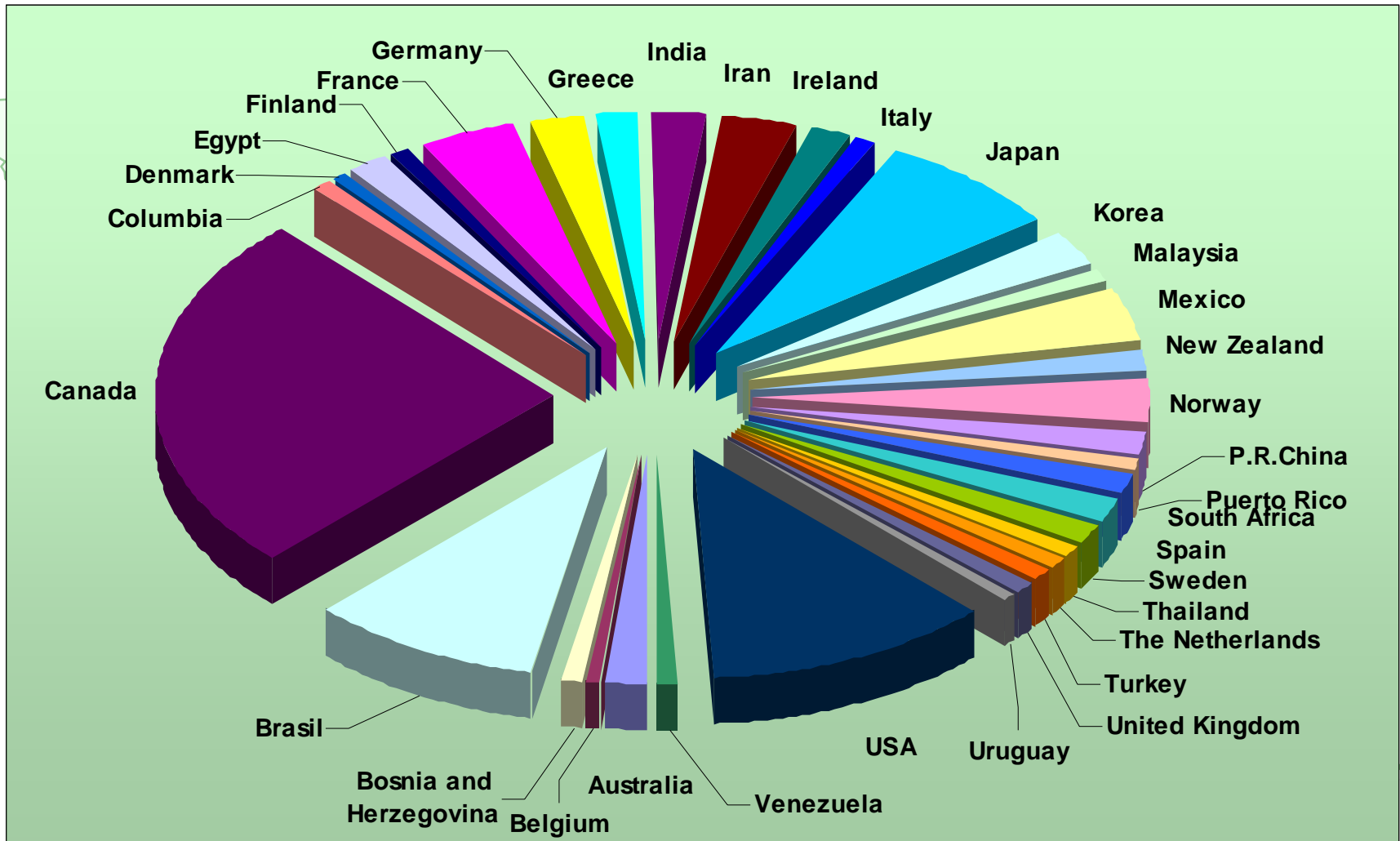


Paper Sessions

26 Technical Sessions, 129 papers

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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

The screenshot shows a web browser window with the address bar displaying <http://ees.elsevier.com/epsr/>. The browser interface includes a search bar, navigation buttons like 'Cerca nel Web', '1 bloccati', and 'Opzioni', and the Elsevier logo. The website header features the journal title 'Electric Power Systems Research' in a blue banner, with navigation links for 'home', 'main menu', 'submit paper', 'guide for authors', 'journal info', 'register', and 'log in'. On the right side of the header, there are links for 'Contact us' and 'Help', and a 'Not logged in.' status.

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EPSR Special Issue on Transients – IPST '03

- The following 13 papers represent a selection from 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 Resistances Transmission Line Model
T. Henriksen

2-2 Robust Phase-Domain Transmission Line Representation on 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

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 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