



The 10th International Conference on Probabilistic Methods Applied to Power Systems

PMAPS 2008

May 25 – 29, 2008 Rincón, Puerto Rico

CONFERENCE TOPICS

The overall theme of the PMAPS conference is power engineering decision problems under uncertainty. The conference topic therefore includes different probabilistic methods with applications to power system planning, operation, control, maintenance, condition monitoring, diagnostics, etc.

Probabilistic methods include e.g.:

- Stochastic optimization
- Stochastic load forecasting
- Reliability centered maintenance
- Structural reliability
- Bayesian reliability analysis
- Component importance methods
- Lifetime data analysis
- Monte Carlo techniques
- Risk analysis
- Reliability prediction
- Safety and security analysis
- Uncertainty estimation
- Reliability testing
- Reliability management
- Markov models
- Seismic concerns

The methods may be applied to all fields within power systems such as generation, transmission and distribution.

LOCATION

PMAPS 2008 will be hosted by the Electric Power Engineering Group of the University of Puerto Rico Mayagüez (UPRM) and the conference will be held in Rincón, Puerto Rico at the Rincón of the Seas Hotel (www.rinconoftheseas.com). The University of Puerto Rico, Mayagüez Campus (UPRM) was founded in 1911. Today, over 800 professors and researchers; 1,200 supporting staff; and approximately 13,000 students are part of UPRM's academic community.

The town of Rincón, located in Western Puerto Rico, is a small beachfront community which boasts some of the most beautiful sunsets, excellent surfing and a true sample of Puerto Rico's Caribbean hospitality.

More information on Rincón and UPRM can be found in the PMAPS 2008 web page:

pmaps2008.uprm.edu

IMPORTANT DATES

| Activity | Deadline |
|----------------------------------|------------------|
| Submission of abstracts | October 12, 2007 |
| First notification of acceptance | November 2, 2007 |
| Submission of full papers | January 11, 2008 |
| Final notification of acceptance | March 7, 2008 |
| Submission of final papers | April 4, 2008 |
| Conference | May 25-29, 2008 |

SUBMISSION OF PAPERS

All abstracts and full papers should be submitted via the PMAPS 2008 webpage:

pmaps2008.uprm.edu

After the abstract has been accepted the full paper is to be sent in via the PMAPS 2008 website. The full paper will be reviewed by experts from relevant fields. Review comments will be sent to the author(s) and any mandatory changes will have to be resolved before the final paper is accepted. The conference proceedings will be available through the IEEE Xplore database.





PMAPS
2008

LOCAL ORGANIZING COMMITTEE

Agustín Irizarry-Rivera, Conference Chairman

Juan Martínez Velázco, Technical Chair

Efraín O'Neill-Carrillo, Miguel Vélez and Lionel Orama,
Conference Vice Chairmen

INTERNATIONAL TECHNICAL ADVISORY COMMITTEE

| | |
|----------------------|--------------|
| Allan, R. | UK |
| Anders, G. | Canada |
| Asgapoor, S. | USA |
| Bertling, L. | Sweden |
| Bhuyan, G. | Canada |
| Billinton, R. | Canada |
| Carpinelli, G. | Italy |
| Choi, J. | South Korea |
| Chowdhury, A. | USA |
| Dagher, H. | USA |
| Endrenyi, J. | Canada |
| Goel, L. | Singapore |
| Haldar, A. | Canada |
| Holen, A. | Norway |
| Irizarry-Rivera, A. | Puerto Rico |
| Krishnasamy, S. | Canada |
| Koch, R. | South Africa |
| Leite da Silva, A. | Brazil |
| Li, W. | Canada |
| Martínez-Velázco, J. | Puerto Rico |
| McCalley, J.D. | USA |
| Miranda, V. | Portugal |
| Schilling, M. | Brazil |
| Sheble, G. | USA |
| Simpson, R. | New Zealand |
| Singh, C. | USA |
| Testa, A. | Italy |
| Turner, F. | Canada |
| Wellssow, W. | Germany |

TECHNICAL SESSIONS

The Technical Sessions will be organized into four categories as follows:

- Plenary session
- Workshops
- Paper sessions
- Special sessions (invited papers)

There will also be a number of tutorials on interesting and topical subjects related to probabilistic methods for power system applications.

PMAPS INTERNATIONAL SOCIETY

- Roy Billinton, Univ. of Saskatchewan, Canada, permanent member acting as chairman
- Fred Turner, PMAPS International, Canada, permanent member
- Samy Krishnasamy, Samtech Inc., Canada, permanent member
- Lina Bertling, KTH, Sweden, chairman for PMAPS 2006
- Agustín Irizarry-Rivera, UPRM, Puerto Rico, chairman for PMAPS 2008

CONTACT INFORMATION

For more information or to be placed on the PMAPS 2008 conference email list please contact:

PMAPS 2008

P.O. Box 9048

Mayagüez, Puerto Rico, USA 00681-9048 or pmaps2008@uprm.edu

The latest conference information can be found at pmaps2008.uprm.edu