

10 IMPORTANT REASONS TO PARTICIPATE IN PMAPS 2012

- PMAPS provides a regular forum for electric power engineers and scientists worldwide to present their works and interact around the common theme of power engineering decision problems under uncertainty.
- Istanbul has been a vibrant cultural centre and one of the world's great meeting places.
- Istanbul is located at the cross point of Europe, Asia, Middle East and North Africa and is just one stop away from most of the cities all over the world.
- Istanbul is not only a historical city but also a center of Electric power industry in Turkey.
- Being the most populated city of Turkey, Istanbul is also a great center of University Education.
- Istanbul has been hosting several prestigious conferences. However, PMAPS-2012 will be the first one in Electric Power Engineering. Istanbul will be an unforgettably enriching experience for the attendants.
- Conference venue lies at the heart of the modern city, overlooking the Bosphorus and the sprawling mass of Dolmabahce Palace. Istanbul's finest 4- and 5-star hotels are at a walking distance from the conference location.
- In addition to a strong technical program, all conference days and nights are filled with several social activities both for the attendants and the accompaniers.
- Accepted papers will be considered for publication in the special issue of an SCI-Expanded journal.

SOCIAL PROGRAM

A variety of social and cultural events for the attendants and accompaniers will be offered in the conference program. They are all included in the full registration fee except half day and full day tours for accompaniers and the post-conference tours.

- Welcome Reception for attendants and accompaniers.
- Welcome Concert for attendants and accompaniers. Examples from Folk Dances, Live Turkish Music and Classical/Traditional Music will be presented.
- Cruise tour along Bosphorus and dinner for attendants and accompaniers.
- Conference Dinner for attendants and accompaniers
- Alternative tours for attendants and accompaniers,
- Optional Half day and full day tours for accompaniers.
- Optional post-conference tours to famous historical districts of Turkey.

Detailed program will be announced in February 2012



CONTACT INFORMATION

PMAPS2012 Secretariat
Istanbul Technical University
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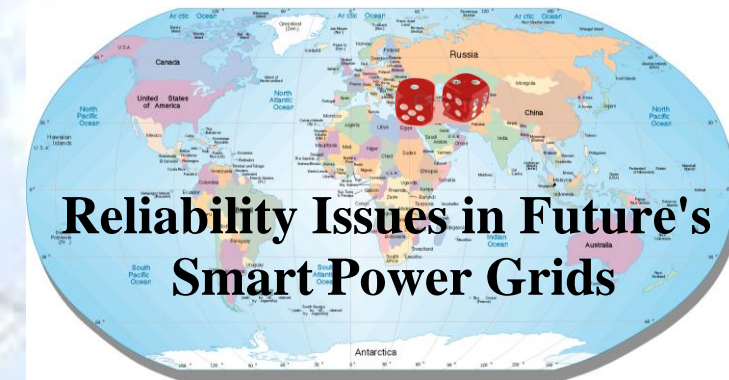
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Call for Papers

PMAPS'2012

12th International Conference on Probabilistic Methods Applied to Power Systems

**10 -14 June 2012,
Istanbul - TURKEY**



Organized by



Istanbul Technical University

Co-sponsored by



IEEE-PES Turkey Chapter

CONFERENCE WEB SITE

Keep up to date on the conference by visiting PMAPS 2012 home page: <http://www.pmaps2012.itu.edu.tr>

INVITATION

12th International Conference on Probabilistic Methods Applied to Power Systems, PMAPS 2012 will be held on 10-14 June 2012 in Istanbul, Turkey. It will be organized by Istanbul Technical University and will be cosponsored by IEEE-PES Turkey Chapter.

PMAPS International Conferences fill a needed role in the power engineering community by providing a regular forum for engineers and scientists worldwide to interact around the common theme of power engineering decision problems under uncertainty. Looking back across all of the eleven conferences, one sees a rich history of excellence.

Conference technical sessions will be organized in four categories; namely: Tutorials, Plenary Session, Invited paper Sessions and Regular paper sessions. On behalf of the PMAPS International Society (IS) and International Technical Advisory Committee (ITAC) we invite you to participate in the PMAPS 2012.

TO THE AUTHORS

The authors are invited to submit electronically the full papers in pdf format from September 1, 2011 until **December 19, 2011**, by using the conference website <http://www.pmaps2012.itu.edu.tr> Note that the official language of the Conference will be English. Instructions and full information on the conference will be posted on the conference website.

Accepted papers will be published in IEEEExplore if at least one author registers and the paper is presented at the Conference.

IMPORTANT DATES

Opening of Full Paper Submission	September 1, 2011
Deadline for Full Paper Submission	November 30, 2011
Extended Deadline for Full Paper Submission	December 19, 2011
Notification of Paper Acceptance	February 15, 2012
Deadline for submission of improved camera-ready Papers	April 15, 2012
Deadline for Early Bird Registration	April 15, 2012
Conference Dates	June 10-14, 2012

CONFERENCE TOPICS

The overall theme of the PMAPS conferences is uncertain aspects of electric power and energy systems. Those aspects requiring probabilistic methods include but are not limited to

- Uncertainty Estimation
- Risk Analysis
- Monte Carlo Techniques
- Condition Monitoring, Failure Diagnosis and Reliability Centered Maintenance
- Power System Reliability Analysis
- Probabilistic Power Flow
- Operation, Control and Protection of Power System under Uncertainty
- Probabilistic Approach for Analysis and Design of Electrical Machines and Drives
- Energy Storage Design for Electric Power under Uncertainty
- Reliability Analysis in Nuclear Power Plants
- Smart Grid, Micro Grids with Renewable Energy Sources
- Impacts of Renewable Energies and Distributed Generation on Networks
- Probabilistic Methods for Energy Markets and Asset Management
- Network Congestion Management and Transmission Pricing
- Power Quality
- Energy management in buildings and home automation
- International Coordination Towards Fully Functioning Interconnected Power Grid
- Energy security and sustainability analyses
- Damage Assessment and Restoration Modeling of Power Systems after Earthquakes
- Software and Hardware Reliability, failure prediction
- Probabilistic Methods for Traffic and Transport Planning of Metropolitan Cities
- Educational Applications
- Others

AWARDS AND PUBLICATIONS

- The best paper will be selected by the conference organization from the presented ones.
- All papers presented will be published in the CD proceedings and will become available after the Conference through IEEEExplore.
- High quality papers will be selected for publication in SCI-Expanded journals.

LOCAL ORGANIZING COMMITTEE (LOC)

Aydogan Ozdemir, Conference Chair
Mustafa Bagriyanik, Assistant Chair
Canbolat Ucak
Ramazan Caglar
Levent Ovacik
Lale T. Ergene

INTERNATIONAL TECHNICAL ADVISORY COMMITTEE (ITAC)

Allan, R., UK	Irizarry Rivera, A., USA
Abur, A., USA	Kjolle, G., Norway
Anders, G., Canada	Krishnasamy, S., Canada
Asgapoor, S, USA	Leite de Silva, A., Brazil
Bagen, B., Canada	Li. W., Canada
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Billinton, R., Canada	Ovacik, L., Turkey
Caglar, R., Turkey	Ozdemir, A., Turkey
Carpinelli, G., Italy	Peng W., Singapore
Choi, J., Korea	Schilling, M., Brazil
Chowdhury, A., USA	Shahrtash, S.M., Iran
Dialynas, E., Greece	Simpson, R., NZ
Endrenyi, J., Canada	Singh, C., USA
Farokhzad, D., Iran	Tanrioven, M., Turkey
Fotuhi Firuzabad, M., Iran	Testa, A., Italy
Goel, L., Singapore	Turner, F., Canada
Guven, N., Turkey	Ucak, C., Turkey
Haldar, A., Canada	Wang, X., China
Herman, R., South Africa	Wellssow, W., Germany

CONFERENCE LOCATION

The conference will be held in ITU Taskisla Campus, located in Istanbul's famous Conference Valley lying at the heart of the modern city (Taksim Square), overlooking the Bosphorus and the sprawling mass of Dolmabahce Palace.

Istanbul has been a vibrant cultural centre and one of the world's great meeting places. Istanbul is located at the cross point of Europe, Asia, Middle East and North Africa and is just one stop away from most of the cities all over the world. One can easily travel to Istanbul from everywhere in the world.

