



PMAPS 2012



The 12th International Conference on Probabilistic Methods Applied to Power Systems

June 10-14, 2012

ITU Taskisla Building, Istanbul, Turkey



Organized by

Istanbul Technical University

Sponsored by

Kale
SIEMENS



TÜBİTAK



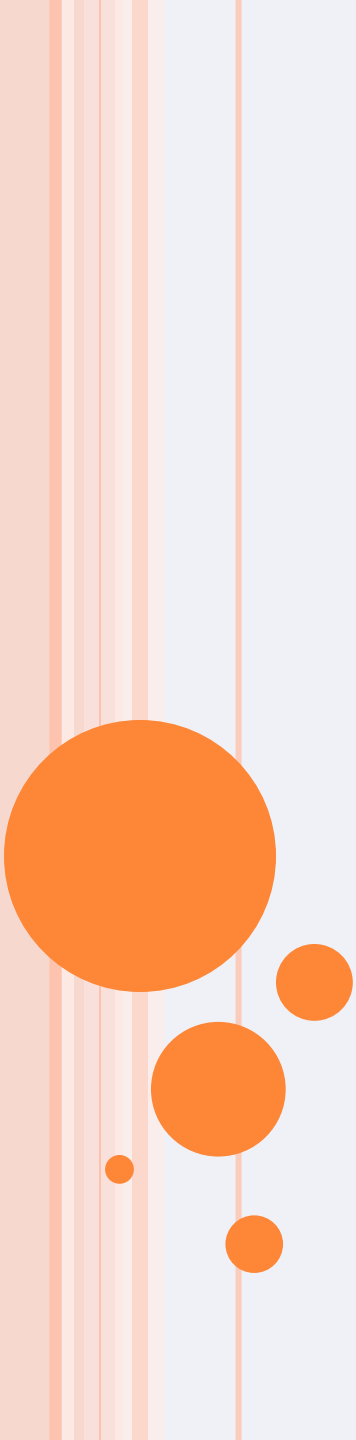


Dear PMAPS 2012 Participants,

It is my great pleasure to welcome you to the 12th International Conference on Probabilistic Methods Applied to Power Systems (PMAPS 2012) in Istanbul which is the only city linking the two continents with many cultures and religions.

PMAPS International Conferences are one of the well-recognized activities in power engineering community providing a regular forum for engineers and scientists worldwide to interact around the common theme of power engineering problems on decision making under uncertainties.

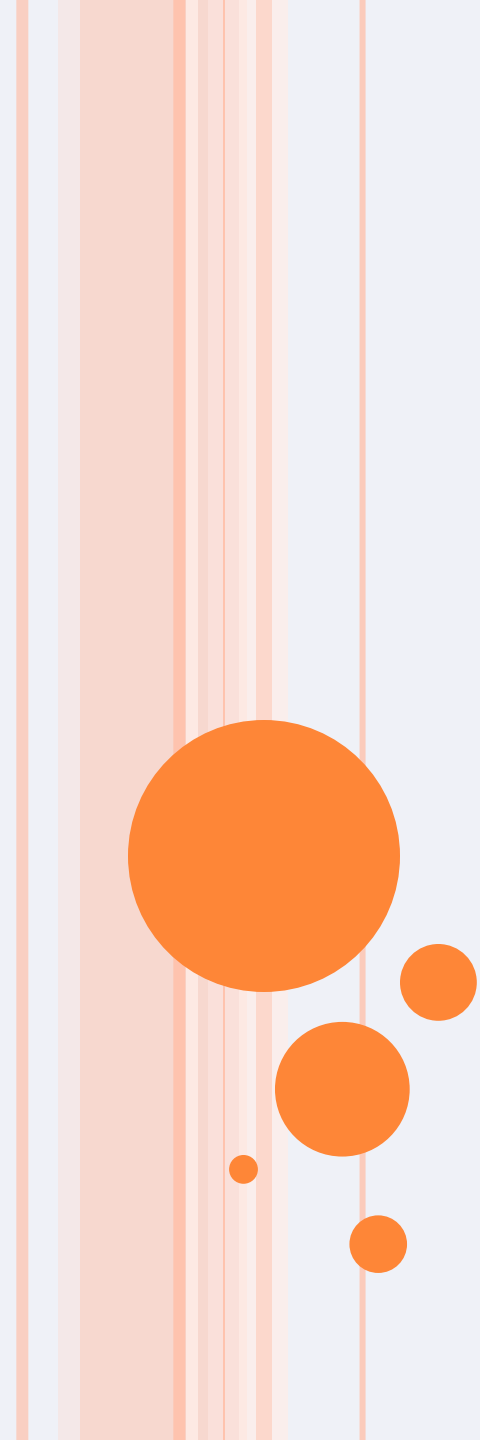
Looking back across all of the eleven conferences, one sees a rich history of excellence.



Our local organizing committee started working just after the announcement of Istanbul as PMAPS IS decision to host the PMAPS 2012 conference.

The PMAPS 2012 is organized by Istanbul Technical University. It is technically sponsored by IEEE PES Turkey Chapter and The Scientific and Technological Research Council of Turkey.

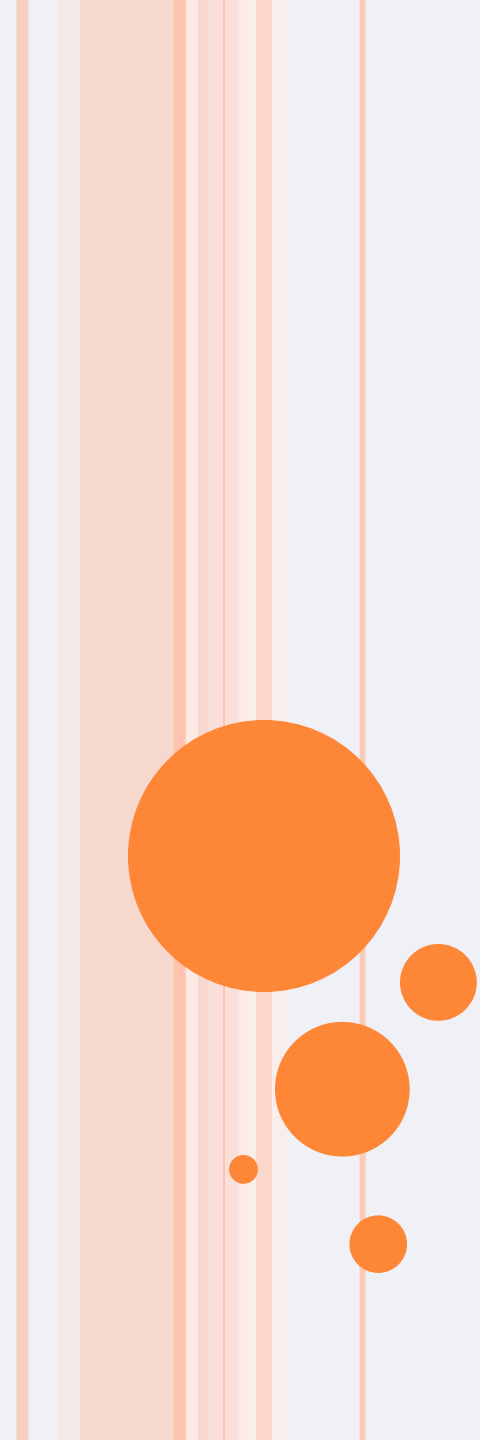
Developments such as integration of renewable generations and evolution towards smarter grids have made the probabilistic approaches more important than ever.



We have received 311 full paper submissions from 46 countries all over the world.

All papers were carefully reviewed. 185 reviewers completed 613 reviews and 231 of the papers have been accepted for oral presentation. Sincere thanks to reviewers for spending their valuable time to improve the quality of the papers.

Few of the papers were withdrawn for several reasons and some of them have not complied with the requirements. Finally, 197 papers were scheduled for presentation in 39 technical sessions and in 2 selected paper sessions.

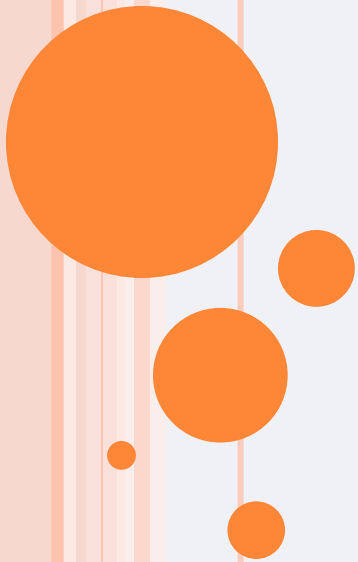


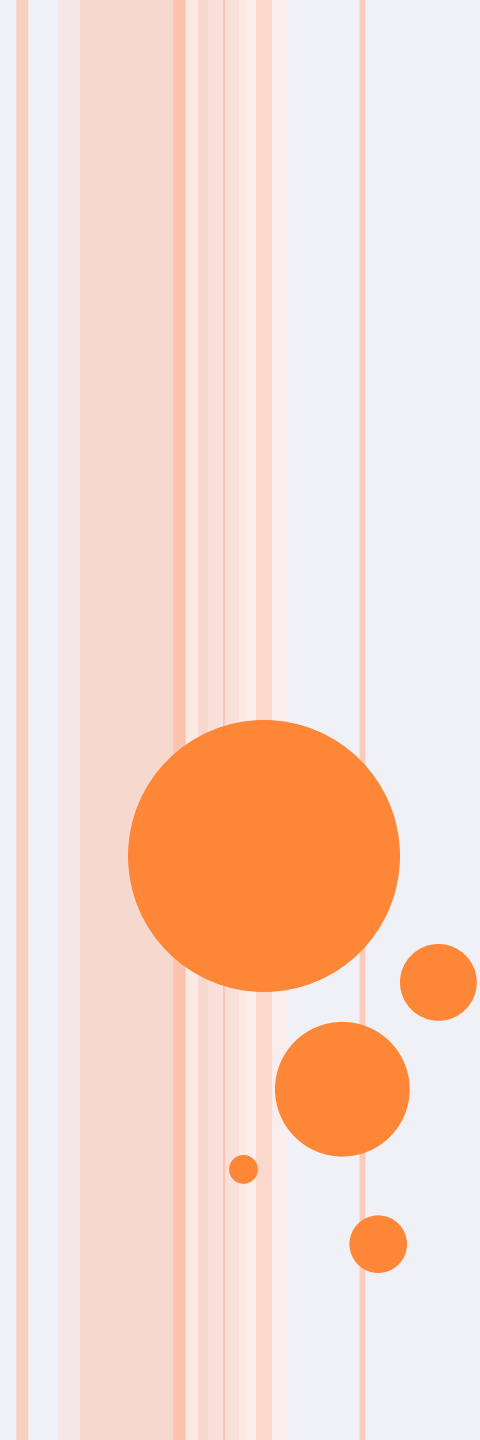
Six papers, getting exceptional grades from reviewers were scheduled as “Selected paper Sessions”.

Two tutorials are organized for the graduate students and professionals. Professor Sakis Meliopoulos from Georgia Institute of Technology gave “Reliability Analysis of Systems with Non-Dispatchable Generation” and Professor Anil Pahwa from Kansas State University addressed “Future Distribution Systems with Smart Grid Technologies”

Keynote speaker, Professor Lina Bertling TIMBERG from Chalmers University of technology, will be speaking on Smart Maintenance for a Sustainable Power System.

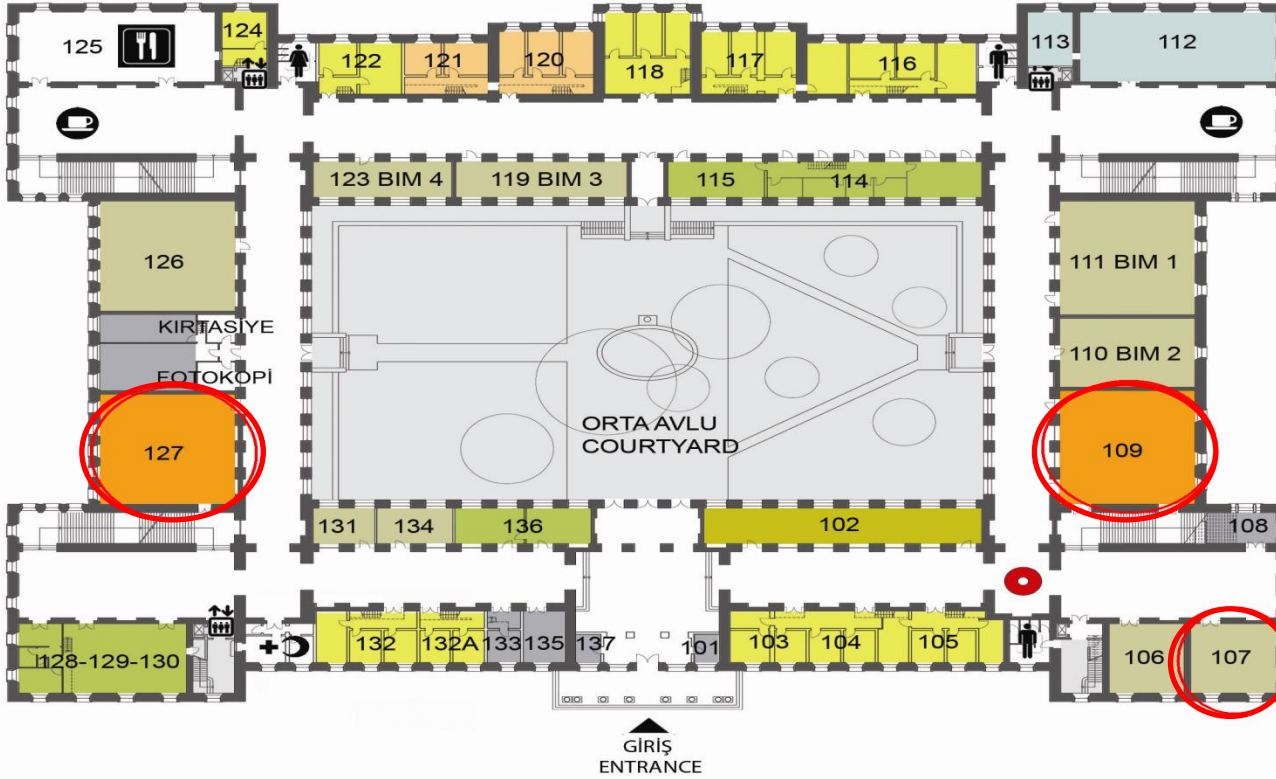
Certificate of Attendance for registered attendants will be available in registration desk on June 12, Tuesday.





When it comes to social events, PMAPS 2012 team have organized an excellent program for the attendants and the accompaniers.

Opening reception, in the foyer of conference center, on Sunday, 10 June 2012 at 5:00 p.m.



- KONFERANS SALONU
CONFERENCE HALL
- 102 SERGİ SALONU
EXHIBITION HALL
- 120-121 SOSYAL BİLİMLER ENST.
INSTITUTE OF SOCIAL S.
- ARAŞTIRMA MERKEZİ
RESEARCH CENTRE
- 114-115 ÇEVRE VE ŞEHİRCİLİK
UYG-AR MER.
- 128-129-130 TASARIMDA BİLG.TEKN.
133 İTÜ SEM
136 KONUT ARAŞTIRMA E.M
- OFİS
OFFICE
- 101 İDARE AMİRİ
108 TEKNİK OFİS
135 SANTRAL
137 GÜVENLİK
- ÖĞR. ÜYELERİ ODASI
FACULTY ROOM
- 103-104-105 MİMARLIK BÖLÜMÜ
116-117-118 MİMARLIK BÖLÜMÜ
132-132A MİMARLIK BÖLÜMÜ
122-124 MİMARLIK BÖLÜMÜ
- DERSLİK VE STÜDYO
LECTURE ROOM&STUDIO
- KÜTÜPHANE
LIBRARY
- BURADASINIZ
YOU ARE HERE**

ZEMİN KAT PLANI
GROUND FLOOR PLAN

KUZEYDOĞU KULE
NORTHEAST TOWER

3

KUZEYBATI KULE
NORTHWEST TOWER

2

GÜNEYDOĞU KULE
SOUTHEAST TOWER

4

GÜNEYBATI KULE
SOUTHWEST TOWER

1

İTÜ MİMARLIK FAKÜLTESİ

ITU FACULTY OF ARCHITECTURE



1. KAT PLANI
1.FLOOR PLAN

KUZEYDOĞU KULE
NORTHEAST TOWER

3

KUZEYBATI KULE
NORTHWEST TOWER

2

GÜNEYDOĞU KULE
SOUTHEAST TOWER

4

GÜNEYBATI KULE
SOUTHWEST TOWER

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Welcome concert : “Colors from Asia to Europe” on Monday, 11 June 2012 at 7:00 p.m.

The location of the concerts is ITU Macka Campus, Mustafa Kemal Concert Hall. It is at a walking distance from the conference venue. The group walk will start from the entrance of Taskisla Building at 6:00 p.m.



A cruise tour along the Bosphorus with dinner is scheduled on Tuesday, 12 June 2012 at 07:00-11.00 p.m.

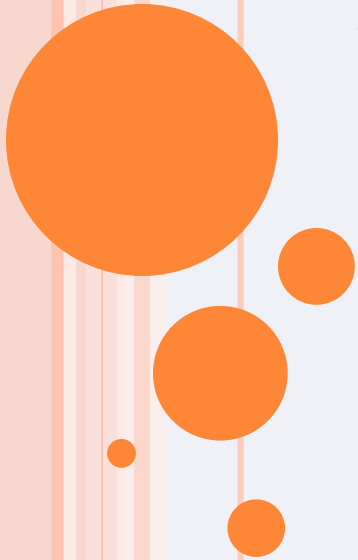
The sailing tour will depart from Kabatas Pier. Kabatas Pier is at a walking distance from the conference venue. The group walk will start from the entrance of Taskisla Building at 6:00 p.m.



Conference dinner at Yıldız Hisar Restaurant,
on Wednesday, 13 June 2012 at **08:00-11:00**
p.m.

The busses will depart at 7 p.m. from the
front of I.T.U. Taskisla Building.

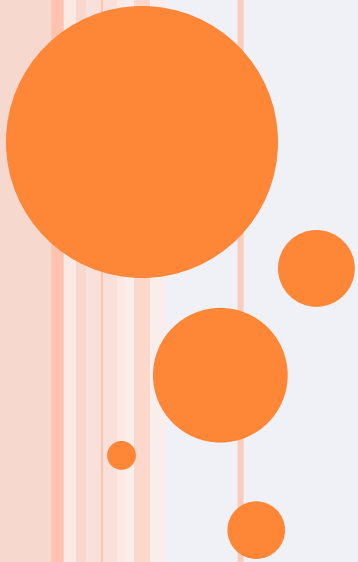
You will taste the joy of the famous Turkish
Cuisine.

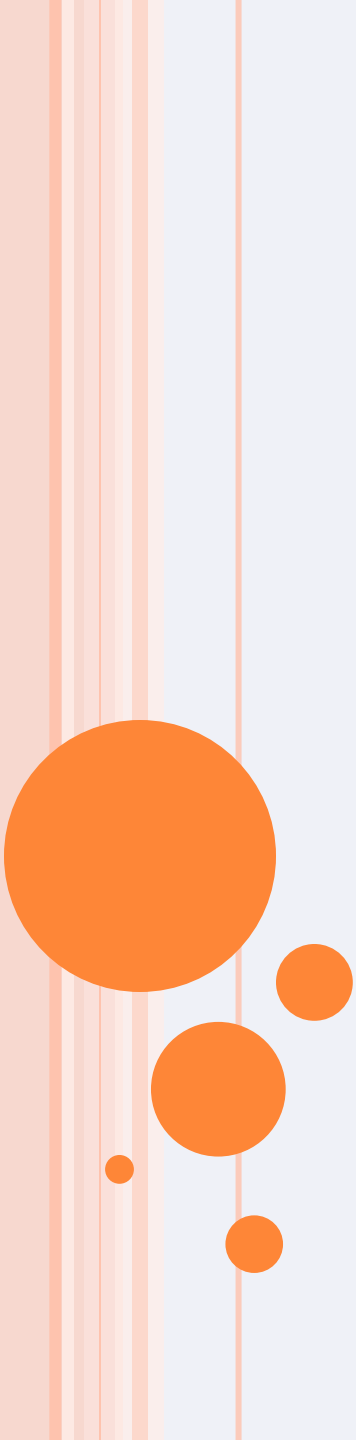


Half-Day City Tour for Attendants and Accompaniers

Busses will depart at 10 a.m. from the front of I.T.U. Taskisla Building. A guided half-day tour to Sultanahmet Mosque, Hippodrome and Grand Bazaar. It will take 4 hours.

When : On June 14, 2004





On behalf of PMAPS 2012 Local Organizing Committee, I would like to express my thanks to all the participants of the conference.

Special thanks to PMAPS International Society, to International Technical Advisory Committee, to reviewers, and to our sponsors.

I wish all of you a fruitful meeting, and a pleasant stay in Istanbul.