



# MICROGRIDS

## International Symposiums on Microgrids Tradition

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*Aalborg 2015 Symposium on Microgrids*

Thu 27 Aug 2015





# Berkeley to Aalborg



- series of 11 international microgrid symposiums,  
from 2005 in Berkeley, CA, U.S.A. to 2015 in Aalborg, Denmark  
  
(Montreal 2006, Nagoya 2007, Kythnos Is. 2008, San Diego 2009,  
Vancouver 2010, Jeju Is. 2011, Évora 2012, Santiago 2013, Tianjin 2014)
- idea hatched at the  
1<sup>st</sup> International Conference on Integration of Renewable and  
Distributed Energy Resources (IRED), Brussels, Dec. 2004  
  
(Napa Valley 2006, Nice 2008, Albuquerque 2010, Berlin 2012, Kyoto 2015)
- 6<sup>th</sup> IRED, Kyoto, 17-20 Nov. 2014 closed the loop





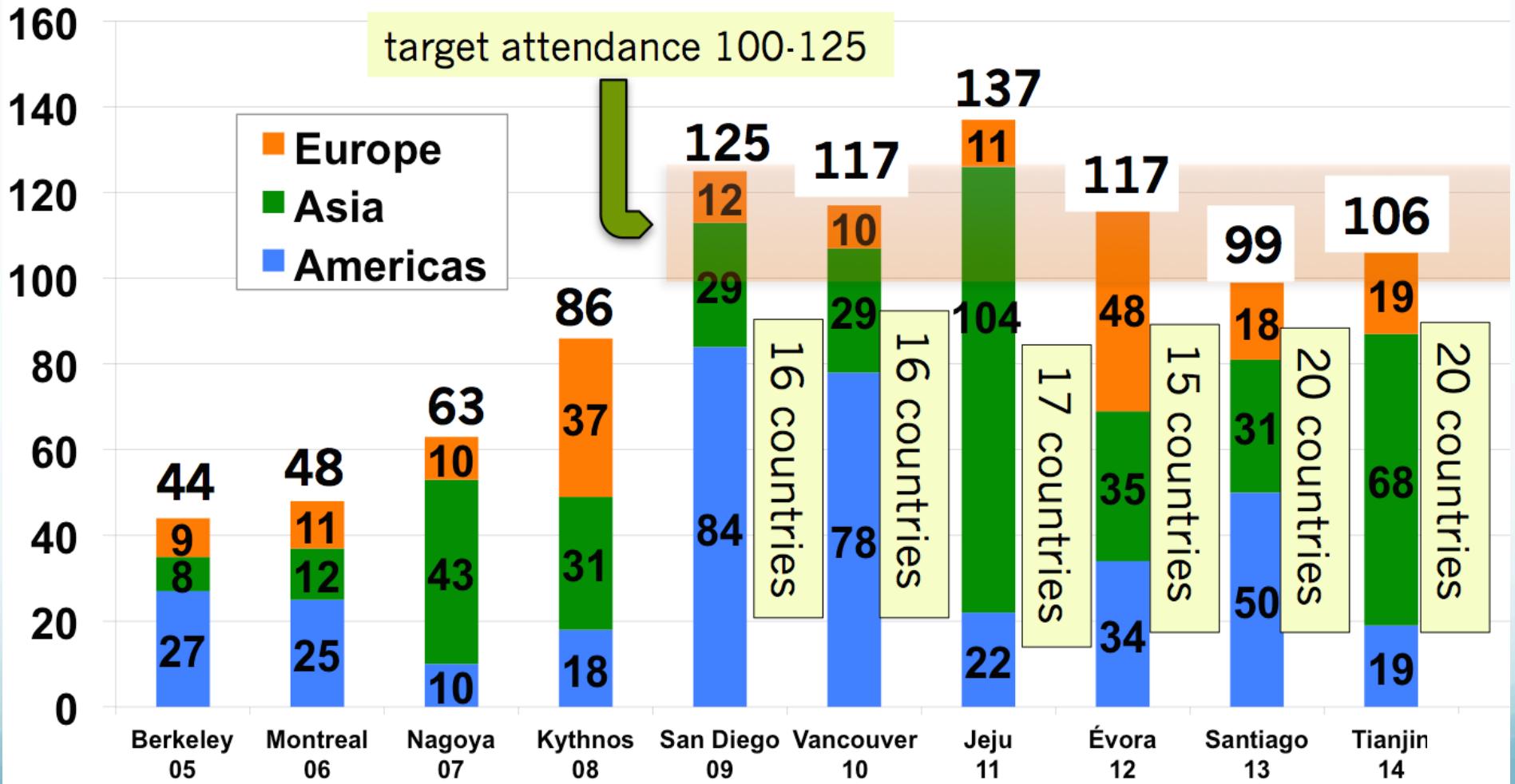
# Organization



- informal origins shapes the approach
- no central organization, local character
- not usually any registration fee, sponsorship collected locally
- roughly rotates around regions, Asia, Europe, & Americas
- symposiums by-invitation-only, informal (only ppts., no papers) include researchers, program managers, policymakers, private sector reps. (sponsors), etc.
- speakers chosen by regional Steering Committee members
- posters chosen by Publications Committee
- special magazine issue planned for this Symposium
- best speakers & poster presenters will be invited
- a panel session since Jeju's 2011 disasters panel



# Attendance Limited





# Int. Steering Com.



## Rotating Officers:

Nikos Hatziargyriou (Chair)  
Chris Marnay (Outgoing Chair)  
Farid Katiraei (Incoming Chair)  
Josep Guerro (Symposium Chair)  
Amirnaser Yazdani (Incoming Chair)

## Asia & Oceania:

Jaeho Choi (Lead), Chungbuk Nat. U.  
Meiqin Mao, Hefei U. of Tech.  
Toshifumi Ise, Osaka U.  
Saad Sayeef, CSIRO  
Hiroshi Asano, CRIEPI  
Alex Chong, A\*STAR  
Ryoichi Hara, Hokkaido U.

## Europe & Africa:

Nikos Hatziargyriou (Lead), NTUA  
Johan Driesen, K.U. Leuven  
Pierluigi Mancarella, U. of Manchester  
Josep Guerro, Aalborg U.  
Miky Albu, Politehnica U. Bucharest

## The Americas:

Chris Marnay (Lead), Berkeley Lab  
Reza Iravani, U. of Toronto  
Farid Katiraei, Quanta Tech.  
Siddharth Suryanarayanan, CO State U.  
Guillermo Jimenez, U. of Chile  
Amirnaser Yazdani, Ryerson U.  
Jim Cale, NREL





# Berkeley 2005



CERTS Berkeley 2005 Symposium on Microgrids  
Faculty Club, UC Berkeley  
Berkeley, CA  
June 17 2005





# Montréal 2006



**Montréal 2006 Symposium on Microgrids**  
**Le Grand Lodge Mont-Tremblant**  
**Québec, Canada - 23 June 2006**





# Nagoya 2007



**Nagoya 2007 Symposium on Microgrids  
Melparque-Nagoya Hotel, Nagoya, Japan 6 Apr 2007**



# Kythnos Is. 2008



Kythnos 2008 Symposium on Microgrids  
Kythnos Is., Greece - 2 June 2008





# San Diego 2009



## San Diego 2009 Symposium on Microgrids



*Faculty Club, UC San Diego  
La Jolla, CA  
17 & 18 September 2009*





# Vancouver 2010



**Vancouver 2010 Symposium on Microgrids**

Fairmont Pacific Rim, Vancouver, BC, Canada

2010 July 21 - 22





# Jeju Is. 2011



## Jeju 2011 Symposium on Microgrids

Seogwipo KAL hotel  
Jeju Island, Korea, May 26 to 27 2011





# Évora 2012





# Santiago 2013



**Sheraton Santiago, Hotel & Convention Center  
Santiago, Chile - 11 & 12 September 2013**





# Tianjin 2014



TIANJIN 2014 SYMPOSIUM ON MICROGRIDS  
GENEVA GRAND HOTEL, TIANJIN, CHINA    2014, NOVEMBER, 13-14





# Aalborg Symposium



- this brings us to Aalborg
- Josep Guerro, Aalborg University, Symposium Chair  
and Nikos Hatzigaryiou, NTUA, Steering Committee Chair
- Local Organizing Committee
  - Christina Papadimitriou, NTUA
  - Panos Moutis, NTUA
  - Juan Carlos Vásquez-Quintero, Aalborg U.
  - Mehdi Savaghebi, Aalborg U.
  - ...?





# Symposium Rules



- casual clothing
- have fun
- appreciate and reward the hard work of  
the Steering and Local Organizing Committees  
by creating a productive, memorable, and enjoyable event





# WELCOME!

## Velkommen

欢迎

ئىززەت - ئىكراام بىلەن قارشى ئالماق



నిమగ్, ఎల్లరిగూ సుస్వగతః;

Maligayang pagdating  
**Benvinguts**

Wilicom

**BENVINDOS**  
Bienvenue  
Welkom

## Bienvenidos

18

ยິນດີຕ້ອນຮັບ  
स्वागत आहे  
Willkommen  
歡迎

## Benvenuto

