

Invitation



Dear Sir/Madam,

The electrical power infrastructure is rapidly changing, due to the increasing use of distributed renewable sources and is becoming increasingly complex to manage. Today's electricity market requires an infrastructure for flexible, reconfigurable smart grids, that can facilitate the producer and consumer ('prosumer') in their changing needs. Future electricity grids ask for a multi-layered ICT approach in order to enhance their robustness. And need to be embedded in society as socio-technical system in itself.

Three faculties of Delft University of Technology have joined forces in the PowerWeb research initiative, which aims to tackle research questions that arise from these challenges.

On November 26, 2012, the PowerWeb research will **kick-off** with an afternoon full of presentations and discussion. We kindly invite you to join TU Delft scientists, directors of innovation from the energy sector and senior policy advisors to discuss the challenges in realizing a smart energy grid and propose research directions for these challenges.

Programme

13:00 - 13:30: Coffee

13:30 - 14:00: Welcome and introduction PowerWeb by Prof. Lou van der Sluis

14:00 - 14:15: Prof. Kees Vuik - Fast and robust methods for contingency analysis

14:15 - 14:30: Prof. Paulien Herder - The smart grid as a complex socio-technical system

14:30 - 14:45: Prof. Cees Witteveen - A multi-layered approach to a flexible smart grid

14:45 - 15:00: Break

15:00 - 15:20: Peter Vaessen (DNV Kema) - Smart grids at DNV Kema

15:20 - 15:40: Suzanne van Kooten (TNO) - Smart energy systems: toward an energy-services economy

15:40 - 16:00: Frans Campfens (Alliander) - Liander LiveLab: A permanent test and learn environment

16:00 - 16:15: Prof. Rob Fastenau, Dean Faculty of EEMCS and Prof. Theo Toonen, Dean Faculty of TPM

16:15 - 17:00: Snacks and discussion

For more information please consult the PowerWeb <<http://powerweb.tudelft.nl/news/>> website, where you can also subscribe for the event.

We look forward to meeting you on November 26!

Lou van der Sluis
Paulien Herder
Fernando Kuipers
Kees Vuik
Cees Witteveen

The kick-off event will take place on TUDelft premises in the faculty Technology, Policy and Management, Jaffalaan 5, 2628 BX, Delft, room H, 1st floor.

Campus map

By car: The TU Campus is easily accessible by car via the A13, exit 10 (Delft Zuid/TU-wijk).

Public transport: The TU Campus can be reached from Delft Station with the district lines 40, 69 and 121.

Legenda

- TU buildings
TU gebouwen
- Other buildings / prospective buildings
Overige gebouwen / gebouwen in aanbouw
- Faculty of Technology, Policy & Management
- (Main) entrance building
(Hoofd)ingang gebouw
- Delivery entrance
Goedereiningang
- TU roadway
TU ring
- Road
Autoweg
- Bus track
Busbaan
- Cycle path
Fietspad
- Pedestrian area
Voetgangersgebied
- B Busstop
Bushalte
- P Parking
Parkeerplaats
- Park / sports field
Park / sportsveld
- Water
- i Centraal informatiepunt TU Delft
Tel: 015-2781010



Technopolis