



International workshop on

**PV and the electricity grid:
overcoming the technical growing pains**

Location: Law Theatre, University of NSW,
Kensington (please see map overleaf)

Date: Tuesday 26th November, 2013

Time: 10am to 4pm (coffee/tea on arrival and lunch provided)

Program: The workshop will discuss the results to date of the IEA PVPS Task 14*: *High penetration of PV in electricity grids* and considers the findings in the Australian context.

- ❖ Welcome and Background: Assoc. Prof. Iain MacGill, UNSW
- ❖ Update on ARENA's activities - including R&D and other support for higher renewable energy grid penetration: Lara Olsen, General Manager Strategy, ARENA
- ❖ The PVPS High PV Penetration Task - background, scope and findings: Mr Christoph Mayr & Mr Roland Bruendlinger, Austrian Institute of Technology
- ❖ Utility experiences with high PV penetration - Australian survey results: Ben Noone, UNSW
- ❖ Magnetic Island - an Australian Case Study - Dr Anna Bruce, UNSW & Dean Condon, Ergon Energy
- ❖ Addressing issues created by high PV penetration at inverter level: Andros Cadavid, SMA Australia

- ❖ Lunch

- ❖ High Penetration in the European Context: Mr Manoel Reking, European PV Industry Association
- ❖ High PV in Local Distribution Grids & Update on PV in Germany, Dr Thomas Stetz, Fraunhofer IWES, Germany
- ❖ Solutions for high PV penetration from central PV generation plants: Prof. Kazuhiko Ogimoto, University of Tokyo, Japan
- ❖ Smart Inverter Technology for high PV Penetration: Mr Roland Bruendlinger, Austrian Institute of Technology

***Participating organisations:** CEEM & SPREE (UNSW), CSIRO, Austrian Institute of Technology, Schneider Electric, Chinese Academy of Science, Fraunhofer IWES, SMA, EnergiMidt, ENEA, RSE, University of Tokyo, EDP, ABB, NREL, EPIA

To register please email:

greg@apva.org.au

APVA Members \$55

Non-members \$110

ARENA



Australian Government

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Energy Agency

