



### Call for Attendance

## International Conference on Alternative Energy

13-14 June 2005

<http://perc.polyu.edu.hk/icae>

Venue: Hong Kong Polytechnic University - Chiang Chen Theater

### Organizing Committee

#### Organizing Chair:

Dr. Edward Lo  
Dept. of EE, HK PolyU  
[eewclo@polyu.edu.hk](mailto:eewclo@polyu.edu.hk)

#### Technical Program Chair:

Prof. Eric Cheng  
Dept. of EE, HK PolyU  
[eecheng@polyu.edu.hk](mailto:eecheng@polyu.edu.hk)

#### Secretary:

Dr. Kevin Chan  
Dept. of EE, HK PolyU  
[eekwchan@polyu.edu.hk](mailto:eekwchan@polyu.edu.hk)

#### Treasurer:

Dr. Norbert Cheung  
Dept. of EE, HK PolyU  
[eencheun@polyu.edu.hk](mailto:eencheun@polyu.edu.hk)

#### Committee members:

Prof. T.S.Chung  
Dept. of EE, HK PolyU  
[eetschun@polyu.edu.hk](mailto:eetschun@polyu.edu.hk)

Dr.H.W.Ngan  
Dept. of EE, HK PolyU  
[eehwngan@polyu.edu.hk](mailto:eehwngan@polyu.edu.hk)

Dr. C.Y.Chung  
Dept. of EE, HK PolyU  
[eechun@polyu.edu.hk](mailto:eechun@polyu.edu.hk)

#### Conference Secretary:

Ms. Canary Tong  
Dept. of EE, HK PolyU  
[eeccanary@inet.polyu.edu.hk](mailto:eeccanary@inet.polyu.edu.hk)

#### Conference Coordinator:

Ms. Cherry Cheng  
Dept. of EE, PolyU  
[eecherry@inet.polyu.edu.hk](mailto:eecherry@inet.polyu.edu.hk)

#### Advisor:

Prof. K.P.Wong  
Dept. of EE, HK PolyU  
[eekpwwong@polyu.edu.hk](mailto:eekpwwong@polyu.edu.hk)

Prof. S.L.Ho  
Dept. of EE, HK PolyU  
[eeslho@polyu.edu.hk](mailto:eeslho@polyu.edu.hk)

### Organized by

Department of Electrical Engineering and  
Power Electronics Research Centre  
**The Hong Kong Polytechnic University**

**Support by:** HKIE-Electrical Division  
IEE – Power & Energy Section  
IEEE – PES/IAS/PELS/IES Joint Chapter  
APHEA – Asia Pacific Hydrogen Energy Association  
EEIC – Hong Kong Chamber of Electrical & Electronic Industries Ltd  
HK PV Consortium



### Tentative Program:

13 June 2005	
	Registration, Welcome Address & Opening Address
	<b>Keynote Speech by Prof. Andrew Blakers, Director of the Research Center for Sustainable Energy Systems, Australian National University</b> – Review of solar energy technologies and related R&D activities in Australia
	Coffee Break
A	<b>Session for PV Technology:</b>
M	Examples of papers: Dr J Close, HKU - Building Integrated Photovoltaic (BIPV) Systems Dr E Lo, HK PolyU – Analysis & Monitoring of BIPV Systems Mr KH Lam, HKU – Prediction, Monitoring & Evaluation of PV Systems .....
	Lunch
	<b>Session for Solar Thermal &amp; Solar Hybrid systems</b>
	Examples of papers: Dr. TT Chow, CityU – Solar Hybrid Systems Dr N Cheung, HK PolyU – Development of Low Cost Solar Heaters Mr H Pang, HK PolyU - Modelling and Optimizing of Hybrid Solar Parabolic Trough .....
P	
M	Coffee Break
	<b>Session for Energy Conversion, Energy Storage &amp; Energy-from-Waste</b>
	Examples of papers: Prof. D Sutanto, HK PolyU – Energy Storage For Renewable Energy Systems Prof. E Cheng, HK PolyU – High Frequency Power Conversion for Alternative Energy .....
14 June 2005	
A	<b>Keynote Speech by Erik Lundtang Petersen, Head of Wind Energy Dept., RISO National Laboratory, Denmark</b> – Applications of Wind Technology in Europe
M	
	<b>Session for Wind Energy &amp; Wave/Tidal Energy</b>
	Examples of papers: Prof. Hao Chen: The Novel Variable Speed Wind Power Generator System Mr. S. Lee, Allied Process: Better way to store Wind Energy .....
	Coffee Break
	<b>Session for Hydrogen Technology, Fuel Cells, Hydro Power &amp; System Integration</b>
	Examples of papers: Hydrogenics Co. – Applications of Hydrogen Technology Dr. K Sumathy, HKU – Integration of H <sub>2</sub> Technology & Renewable Energy I Abdel-Karim, 3T Consulting Co. – The technology of EEP .....
	Lunch
	<b>Session for Energy Policy, Technology Review, Others</b>
	Examples of papers: Prof. TS Chung, HK PolyU – Reviews on Alternative Energy Technologies Dr HW Ngan, HK PolyU – Renewable Energy in Open Electricity Markets.....
P	
M	Coffee Break
	<b>Discussion Forum: Impact of Electricity Market Deregulation on Applications of Alternative Energy (Representative from Power Companies &amp; green groups will join)</b>

**For registration: please visit <http://perc.polyu.edu.hk/icae>**

Or contact Ms. Canary Tong, Secretary of ICAE Conference, Department of Electrical Engineering, The Hong Kong Polytechnic University, Hung Hom, Hong Kong.

Email: [eeccanary@inet.polyu.edu.hk](mailto:eeccanary@inet.polyu.edu.hk) Tel: 2766 6172 or IR Dr Edward LO Tel: 2766 6144