

International Energy Agency Task 48 Solar Air-Conditioning Training Session

January 23, 2011 – 8:30-11:30 AM, AHR Expo, McCormick Place, Chicago, IL

Solar air conditioning has long been considered a key technology for green buildings. It allows the development of all-year solar thermal systems which deliver both heating, cooling and DHW. It also opens new markets and opportunities for solar thermal technology, particularly in buildings with little demand for hot water, such as retail facilities. There have been significant developments in the last few years in the area and this training session will present recent information regarding solar collectors, thermally driven AC machines, systems design, policies and economics.



TASK 48 - Quality Assurance and Support Measures for Solar Cooling

The Solar Heating and Cooling Programme (SHC) was established in 1977, one of the first programmes of the International Energy Agency. The Programme's work is unique in that it is accomplished through the international collaborative effort of experts from member countries and the European Union. Within the SHC there have been three initiatives or Tasks related to solar air-conditioning. Task 25, "Solar Assisted Air Conditioning of Buildings", had the participation of experts from 11 countries and ran from 1999 to 2004. Task 38, "Solar Air-Conditioning and Refrigeration", ran from 2006 to 2011, and also had experts from 11 countries. A new task was initiated in 2011, Task 48, "Quality Assurance and Support Measures for Solar Cooling".

Instructor:



Dr. Lucio Mesquita is a mechanical engineer and leading expert in solar thermal air-conditioning. He has worked on the design and commissioning of more than 180 commercial solar thermal projects in several countries. Dr. Mesquita received his Ph.D. from Queen's University – Canada, and represented Canada as an expert for the IEA solar air-conditioning related Task 38 and is currently a participating expert in Task 48.

Registration fee: \$125 before 31/12/2011, \$150 after 31/12/2011.

Registration includes access to training session, electronic proceedings (downloadable after the event) and handouts.

To register: <http://www.regonline.com/AHRSOLARAC>

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