



Larnaca is a major city in the Republic of Cyprus (Greek part) and strongly connected to its history of almost 4 millennia. Larnaca is famous for its beautiful sea front - the ‚Phinikoudes‘ is the main tourist attraction. Close by the international airport is Larnaca’s famous salt lake.

Map: © Columbus Travel Media
www.worldtravelguide.net

Organisation

Organisation Committee

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Conference Venue

Palm Beach Hotel,
Larnaka Dekelia Road
CY 6303 Larnaka, Cyprus
(Greek part)

Phone +357 24 846 600
www.palmbeachhotel.com

Accommodation

Please book your accommodation as soon as possible by yourself. The Palm Beach Hotel offers special rates for participants. reservations@palmbeachhotel.com

Conference Fee

If registered until August 14th, 2011 | after August 14th, 2011

Per Person: € 700,- | 780,-
Member of OTTI and supporting organizations: € 600,- | 680,-
Reduced fee for presenters: € 380,-

Fees cover the admission to all sessions, invitation to all coffee breaks, conference lunch, a dinner, the conference proceedings and CD-Rom.

4th International Conference Solar Air-Conditioning October 12th/October 14th, 2011 (SAC-3679)

- I will participate.
- I will submit a paper.
- Interested in sponsorship.
- Interested in exhibition.

Family name

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Department/Position

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Invoice address (if it differs from registration address)

Company/Institute

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Economic sector

Number of employees

Member number OTTI

Date

Signature/Company stamp

**Ostbayerisches Technologie-Transfer-Institut e.V. (OTTI),
Wernerwerkstraße 4, D-93049 Regensburg, Germany**

Conditions of participation and cancellation

You will receive your registration documents with receipt of your registration. The participation fee is VAT-exempt and due net with receipt of the invoice. Please transfer the invoice amount not later than 14 days before the conference starts. Otherwise a copy of the transfer order must be presented at the conference desk. All bank charges have to be covered by the transmitter. Entrance to the conference can only be permitted if OTTI has received the payment. OTTI reserves the right to make modification and amendments of any kind for urgent reasons. In the case of a cancellation of your registration up to 30 days before the seminar takes place, we do not raise a cancellation fee. For cancellations made within a period of 30 to 15 days before the start of the seminar, we charge a service fee of € 120. In the event of cancellations made later than 15 days before the seminar, or in the case of absenteeism, the total participation fee will be charged, unless you are able to provide evidence of a deviating amount of damages or expenses. The cancellation must be in written form. The person representing the contracting party may be replaced at any time but a written notice is necessary not later than 4 days before the conference starts. Irrespective of legal basis, OTTI shall only be liable for property damage and pecuniary loss which occurred due to intent or gross negligence. The place of fulfilment and jurisdiction is Regensburg, Germany.



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4th International Conference

Solar Air-Conditioning

Larnaca, Cyprus

Wednesday, October 12th, 2011

Friday, October 14th, 2011

www.otti.de
V-B-2010-04-22

Further information on www.otti.de

For further information about seminars, conferences and upcoming events in the field of Renewable Energies please consult our homepage www.otti.de



After Bad Staffelstein (Germany, 2005), Terragona (Spain, 2007), Palermo (Italy, 2009), Cyprus – the Island of Aphrodite with 10.000 year of history - is hosting the 4th International Solar Air Conditioning Conference. Through the years, the conference has been recognized as the most important event where scientists and industrial researchers, product manufacturers, building designers and planners, contractors, and installers have met to exchange knowledge and experiences with a common goal: To contribute towards the development of solar technologies and systems so that solar air conditioning can become a real, economically viable choice.

The rapid development in the field of solar thermal technologies and solar air-conditioning systems is a proof that the sun can be a reliable renewable source of energy. The sun can help the global effort to minimize the dependence on fossil fuels and to dramatically decrease the carbon dioxide emissions by reducing the consumption of electricity and fossil fuels for the purpose of heating and air conditioning our buildings.

Ten years have passed since the Mediterranean sun gave birth to the Greek "Photonió" - the largest solar air-conditioning system in the world with 2,700 m² of solar collecting arrays. After this project, it has become apparent that solar air conditioning can be reliable and economically viable technology. Today we can say that the solar air conditioning technology has come out of the infancy stage and is growing fast to become the next energy that will drive the air conditioning systems.

Over the last 30 years, there has been a rapid development of building industry in Cyprus. At the same time and despite of the building technology improvements and the availability of innovative building materials, the modern buildings are consuming a great deal of energy; consequently Cyprus that has no fossil energy reserves is spending a considerable part of its gross national product to import fossil fuels. In addition, the mean temperature, according to the Cyprus's Meteorology department, has been increased during the last 100 years by more than 1.0 °C which is well over than the global average of 0.7 °C.

On the other hand, Cyprus holds the 1st position worldwide in the installation of solar panels per inhabitant. Within the above contexts, the development of solar air-conditioning in Cyprus could not be an exception. Five years have passed since the development of the 1st commercial Solar Air Conditioning system and it is estimated that by the end of 2011, at least another 10 systems of various solar collecting technologies and array size will be in operation. The involvement of the newly established academy community of Cyprus with two State Technical Universities will help significantly to increase knowledge through the scientific observation, research, and development as both universities are acquiring limited size solar air conditioning systems.

It is time that we re-evaluate the role that should be entrusted to the solar air-conditioning technologies. For the next decade, we should focus on factors beyond the scientific issues. We need to talk about standardisation of components and systems that will lead to a) a significant reduction of costs, b) an improvement of efficiency and c) an increased reliability. It is time to dedicate to a solar air conditioning society that will be responsible to gather information on solar air conditioning, to encode it, and to dispense it to all interested professionals.

Closing, we invite you all to visit the sunny island of Cyprus where solar air conditioning is taking its right dimension; the sun energy is being captured to provide indoor comfort. Our expectation is that the 4th International Solar Air Conditioning Conference becomes a meeting place for scientists, researchers, manufacturers, engineering designers, building owners, and investors; where the sun will melt all barriers and obstacles towards the commercialization of solar air conditioning.

Dr. Kyriakaos Tsiftes

University of Cyprus, Nikosia, Cyprus

Topics of the Conference

Papers are invited on the following topics:

1. Components:
 - heat driven water chillers
 - heat driven open cycles
2. Systems technology
3. Practical Experience: Operation, Maintenance, Energy Performance, Cost Performance
4. Solar Cooling Applications
5. System Design; Design Tools, Simulation, Engineering

Papers will be presented orally and in poster sessions. All accepted papers will be published in the proceedings volume and on CD-ROM. The abstract, in English, should include: Full title, author's full name, affiliation, address, phone/fax/e-mail, name and affiliation of co-authors, topic, kind of presentation (oral or poster), a brief summary including the purpose, methods, approach, results and conclusions of the presented work. The whole on ONE sheet A4. In addition, authors may add up to 1 explanatory page to facilitate the reviewer's assessment.

Deadline for submission of abstracts: February 27th, 2011

Please upload your abstract in our review system under: <http://review.otti.eu>

At the end of April you will receive an e-mail with the result of the evaluation.

With the acceptance of your abstract you are automatically registered for the conference. It is not possible to cancel once accepted.

If you are accepted please upload the ready for printing manuscript (6 pages) in our review system by August 19th, 2011

Reduced fee for presenter: 380,00 €

Supported by



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University of Cyprus, Nikosia, Cyprus

Scientific Committee

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Prof. Dr.-Ing. Wolfgang Streicher

Technische Universität Graz, Institut für Wärmetechnik Graz, Austria

Conference Focus

- Development of technologies
- Know-how transfer
- Identification of R&D needs
- Exchange of results and ideas

You will meet

Planners, architects, engineers and scientists active in air-conditioning, solar thermal and cooling, energy policy makers, manufacturers, industry representatives, other attendees

