

SCIENTIFIC COMMITTEES

AS 2011

Monica AXELL, S
Alberto CAVALLINI, I
Eric GRANRYD, S
Hermann HALOZAN, A
Renato LAZZARIN, I
Weiding LONG, PRC
Armando OLIVEIRA, P
Per LUNDQVIST, S
Reinhard RADERMACHER, USA
David REAY, UK
Burkhard SANNER, D
Branislav TODOROVIC, SRB
Michele VIO, I

ISHPC 2011

Alberto CORONAS, E
Keumnam CHO, ROK
Paolo COLAIEMMA, I
Robert E. CRITOPH, UK
Srinavas GARIMELLA, USA
Marco GUERRA, I
Gershon GROSSMAN, IL
Carlos A. INFANTE
FERREIRA, NL
Siyoung JEONG, ROK
T. KASHIWAGI, J
K. KIM, USA
Shigeru KOYAMA, J
Renato M. LAZZARIN, I
Giovanni A. LONGO, I
F. MEUNIER, F
Kim Choon NG, SGP
Reinhard RADERMACHER, USA
Christian SCHWEIGLER, D
Ruzu WANG, PRC
Felix ZIEGLER, D

Organizing Committee

Co-chairmen

Renato M. LAZZARIN Giovanni A. LONGO

Members

Bruno BELLO' Filippo BUSATO
Michele DE CARLI Davide DEL COL
Fabio MINCHIO Marco NORO
Massimiliano PIERINI Michele VIO
Roberto ZECCHIN Claudio ZILIO

Administrative Conference Secretariat

AICARR - Via Melchiorre Gioia, 168 I-20125 MILANO MI
Phone +39.02.67479270 - Fax +39.02.67479262
e-mail info@aicarr.org - www.aicarr.org



VENUE

Padua is a city 40 km west of Venice. It is the economic and communications hub of north-east Italy. Padua's population is 213,000 (Statistics of 2009). Padua is famous for its University founded in 1222. The list of professors and alumni of the university of Padua includes, among others, Galileo Galilei, Nicolaus Copernicus, Gabriele Falloppio, Pietro Bembo, Torquato Tasso. The place of Padua in the history of art is nearly as important as its place in the history of learning. The list of distinguished artists operating in Padua includes, among others, Giotto, Donatello, Andrea Mantegna, Antonio Canova. Padua is also the birth place of the famous architect Andrea Palladio. Padua includes several historical and artistic sites, such as, the Basilica of Saint Anthony, Scrovegni Chapel, Church of Eremitani, Palazzo della Ragione and several Museums and Galleries. The conference will be held at Villa Ottoboni Convention Centre, a 16th century villa near the centre of Padua. In April the temperature in Padua ranges between 12 and 22°C (53 and 72°F).

Accommodation

The Organizing Committee will select a few hotels in Padua, near Villa Ottoboni Convention Centre, willing to apply special rates for Conferences participants. Courtesy buses will be arranged from these hotels to the Conferences venue. Further information will be posted in the Conferences official web-site.

Travel and Transportation

By plane: The airports nearest to Padua are Venice Marco Polo (40 km from Padua) and Verona Catullo (80 km from Padua); both airports are served by many frequent international flights.

By train: Padua station is on the main Milan-Venice railway link, served by numerous international trains. Intercity and Eurostar trains stop at Padua.

By car: Padua is on the A4 (Milan-Venice) motorway, which is linked to the European motorway network.

ISHPC11 AS

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

IIR INTERNATIONAL CONFERENCES

Sources/Sinks alternative to the outside Air for Heat Pump and Air-Conditioning Techniques (Alternative Sources - AS)

Padua, Italy, April 5-6-7, 2011

International Sorption Heat Pump Conference (ISHPC11)

Padua, Italy, April 6-7-8, 2011

IIR Commissions E1 (Air Conditioning) and E2 (Heat pumps, energy recovery)



OBJECTIVES OF THE CONFERENCES AND TOPICS

Sources/Sinks alternative to the outside Air for Heat Pumps and Air-Conditioning Techniques (Alternative Sources - AS)

Commission E1 with Commission E2

Heat sources and heat sinks of heat pumps and refrigeration systems, respectively, have an immense impact on performance. The conference is aiming at joining heat sink and heat source research, development, and experience of all kind of heat pumping and refrigerating technologies, promoting the exchange of ideas among the researchers, scientists and engineers working from all over the world.

Topics

- Exhaust (ventilation) air
- Ground water
- Ground-source systems horizontal
- Ground-source systems vertical
- River and lake water
- Sea water
- Free cooling
- Simultaneous heating and cooling
- Closed water loop
- Waste water and effluent
- Solar
- Dual source

International Sorption Heat Pump Conference ISHPC11

Commission E1 with Commission E2

This triennial conference is dedicated to heat pumping devices which make use of ab- or adsorption effects. Researchers, scientists and engineers find here a forum to exchange ideas and experiences on basic findings, applied topics and pilot plants regarding Sorption Heat Pumps Technology.

Topics

- Absorption
- Adsorption
- Cogeneration
- Desiccant
- Enhancement Techniques
- Heat & Mass Transfer
- Heat Pumps
- Hybrid cycles

- Improved Components and Cycles
- Open cycles
- Solar Cooling
- Surfactants
- Thermodynamic Modelling
- Thermodynamics and Second Law Analysis

DATES

The Conference on Sources/Sinks alternative to the outside Air for Heat Pumps and Air-Conditioning will be held in Padua, Italy, April 5-6-7, 2011

The International Sorption Heat Pump Conference 2011 (ISHPC11) will be held in Padua, Italy, April 6-7-8, 2011.

LANGUAGES

The sessions will be conducted in English.
Papers must be presented in English.

DEADLINES

SEPTEMBER 30, 2010.

Abstract (maximum 500 words) with the indication of corresponding author (full postal and e-mail addresses) must be e-mailed as an attached doc file to the Scientific Conference Secretariat:

padova2011@gest.unipd.it.

The abstract should clearly state the objectives, methods, results and conclusions.

OCTOBER 15, 2010.

The corresponding author will be notified about acceptance of the abstract.

DECEMBER 15, 2010.

The full paper manuscript (maximum 8 pages) must be e-mailed as attached files in doc and pdf format to the Scientific Conference Secretariat:

padova2011@gest.unipd.it.

The full paper manuscript must be adherent to the instructions posted in the Conference web-site.

JANUARY 15, 2011.

The corresponding author will be notified about acceptance of the paper for presentation at the Conference.

At least one of the authors for each paper must be registered by March 11, 2011, in order for the paper to be included in the official final program and be considered for inclusion in the final proceedings.

CONFERENCE PROCEEDINGS

The final Conferences Proceedings (printed book and CD) will be made available to all registered members after the Conferences.

REGISTRATION FEES

Participants may register for either one of the two Conferences (Alternative Sources, AS or ISHPC) or jointly for the two Conferences (AS+ISHPC). The registration fee includes the Conferences Proceedings, coffee breaks, business lunches and official social events. Fees paid in advance but not used will be refunded, with a deduction of € 60 for handling costs, upon written request if received before March 11, 2011. No refund will be given for fees supporting papers included in the final program.

	UNTIL MARCH 11, 2011		AFTER MARCH 11, 2011 (on site only)	
	AS or ISHPC	AS + ISHPC	AS or ISHPC	AS + ISHPC
Participants	600 €	840 €	720 €	960 €
IIR/IIF members	480€	720 €	600 €	840 €
AICARR members				
ASHRAE members				
Authors	480 €	720 €	600 €	840 €
Students	120 €	220 €	240 €	360 €
Accompanying persons*	180 €		240 €	
VAT included				

* The fees includes official social events and a dedicated program

ADDITIONAL AND UPDATED INFORMATION

For additional and updated information please visit the official Conferences website:

<http://www.aicarr.org/Pages/PadovaIIR2011/home.aspx>