

The International Conference
**"THE ARCHITECTURE OF WELL TEMPERED ENVIRONMENT
 AN HARMONY OF INTEGRATED INSTRUMENTS"**
 promoted by **Eurosolar Italia** jointly with **UIA/ARES**
(Architecture and Renewable Energy Resources section of the Union International des Architectes) and the
Board of the Architects P.P.C. of Rome and Province is
 the preparatory event for the **XXIV UIA World Conference**.

Since 1987 "Solar Energy in architecture and Urban Planning" has been the main topic of a series of conferences organised by Eurosolar jointly with the European Union. The conferences of Munich, Paris, Florence, Berlin and Bonn constantly enhanced concepts about energy efficiency and the use of renewable energies in buildings and urban development's. In 1996 at Berlin Conference was formulated by Thomas Herzog and 30 solar architects the **"European Solar Charta"** that has been translated in 10 languages and distributed around the world.

The Rome International Conference aims to draw the attention to the challenge that Architecture and Urban Planning have to face in the path towards the environmental and economical sustainability. In the **"De Architecture"**, by **Vitruvius**, the architect, having all the necessary knowledge, was supposed to manage entirely by himself the three pillars on which the architecture was based: **firmitas, utilitas and venustas** (durability, convenience, and beauty). The architect continued for centuries to be the single actor of the design process, also when the building started to be filled with more and more technologies requiring new skills. It only changed that the architect from being a **"composer"** and a **"soloist"** started to be more a **"composer"** and a **"director"** of an orchestra with many new instruments and players. The emerging need for zero energy and sustainable architecture make necessary a new planning and design process, forgetting the soloist and the director and - instead - giving to the architect the **new role of "integrator"** of different kinds of techniques, technologies and knowledge. There is no other way to recompose in a modern way the three Vitruvius pillars and to fulfil the need for sustainable buildings and cities.

The Conference will discuss some selected design experiences of sustainable architecture and urban planning presented by their protagonists.

Co-chairman:

Francesca Sartogo, Eurosolar Italia President
Nikos Fintikakis, UIA/ARES WP Director
Patrizia Colletta, Board of the Architects of Rome

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THE ARCHITECTURE OF WELL TEMPERED ENVIRONMENT

AN HARMONY OF INTEGRATED INSTRUMENTS

International Conference
ROME, CASA DELL'ARCHITETTURA
Piazza Manfredo Fanti, 47
19-20 MAY 2011

PROGRAM

THURSDAY, MAY 19

- 8.30 - 9.00** Registration
9.00 - 9.30 Opening and Welcome
Addresses by the Authorities
9.30 - 11.00 Introduction

Amedeo Schiattarella

Board of the Architects P.P.C. of Rome and Province President

Josep Puig

Eurosolar Vice President

Francesca Sartogo

Eurosolar Italia President

Albert Dubler

UIA Region I Vice President

Nikos Fintikakis

UIA/ARES WP Director

Antonio Raffaele Rivero

UIA Italian Representative Member

11.00 - 13.30 | FIRST SESSION

"Architecture, Environment and the new paradigm"

11.00 - 11.40 | Serge Latouche - IEDS Paris
"Eco-friendly Urbanism and Decreasing Growth"

11.40 - 12.20 | Christos Zerefos - President
"Mariolopoulos Kanaginis Foundation" and Contributor to the IPCC Nobel Peace Prize 2007
"From the well tempered environment to sustainability"

12.20 - 13.00 | Peter Droege - Eurosolar President
"100% Renewable Energy Autonomy in Action"

13.00 - 13.30 | Renzo Piano - Unesco
"What means to do"
(video conference)

13.30 - 14.30 | Lunch

14.30 - 18.30 | SECOND SESSION

"Visions of the future new paradigm"

Interventions by:

Federico Butera - Eurosolar Vice President - Politecnico di Milano

Patrizia Colletta - Board of the Architects of Rome,
Council for the Sustainable Design and Energy Efficiency President

Nikos Fintikakis - UIA/ARES WP Director

Francesca Sartogo - Eurosolar Italia President

PANEL DISCUSSION

Take part in the discussion:

Lorenzo Bellicini - Cresme

Eliana Cangelli - Sapienza University of Rome

Marco Corradi - Power House Europe

Mario Cucinella - MC Architects

Livio De Santoli - Sapienza University of Rome

Dominique Gauzin-Müller - Architecture Critic

Gert Gremes - Confindustria, Energy Section

Milan Nitzschke - SolarWorld AG

Paolo Rotelli - Cloe Foundation

Marco Sala - University of Florence

Fabrizio Tucci - Sapienza University of Rome

Edoardo Zanchini - Legambiente

FRIDAY, MAY 20

9.30 - 13.30 | FIRST SESSION

"From passive and low energy architecture to active solar technologies"

Chair: **Mattheos Santamouris** - CRES President

9.30 - 10.00 | Introduction by:
Mattheos Santamouris - CRES President

10.00 - 12.00 | CASE STUDIES

Mont-Cenis Academy, Herne Sodingen, Germany (European Solar Prize 1999) and PC4 Halle Pajol Paris

by Jourda Architects, Paris:

Françoise Hélène Jourda - Project Architect

Jean Marc Weil - Structures

Eric Hutter - Energy Technologies

12.00 - 12.40 | Mario Cucinella - MC Architects
"Sensibility, creativity, sustainability"

12.40 - 13.30 | Thomas Auer - Green designer
Europe 2010 - Transsolar
"Projects and experiences, among them Masdar City"

13.30 - 14.00 | Lunch

14.00 - 16.00 | SECOND SESSION

"The Sustainable City: Urban Energy Planning and Zero - Emission City"

Co-chair:

Paolo Rotelli - Cloe Foundation

Maria Berrini - Ambiente Italia President and GBC Councillor

14.00 - 15.30 | CASE STUDY

European Green Capital - CITY OF STOCKHOLM Sweden - "The Hammarby Sjostad eco-district and the renewal of the new Royal Sea Port"

Gustaf Landahl - Environment and Health Administration - City of Stockholm

Ingela Lindh - Chief Executive Officer of Stockholmshem AB
Marja Lundgren - White Architects - Responsible for Environmental issues and Solar Energy Projects

DEBATE

16.00 - 19.30

Signature of the Renewable Energy Manifesto towards the 24th World Congress of Architecture

promoted by:

Federico Butera, Patrizia Colletta, Mario Cucinella, Peter Droege, Nikos Fintikakis, Serge Latouche, Josep Puig, Mattheos Santamouris, Francesca Sartogo

The Eurosolar Solar Prize 2009/2010 Ceremony by:
Peter Droege - Eurosolar President
Vittorio Cogliati Dezza - Legambiente President
Francesca Sartogo - Eurosolar Italia President

Presentation of the book

"The Energy of the Sun in the Vatican"

by **Ing. Pier Carlo Cusianna** - Department of Technical Services - Vatican City State