

# sustainability and building renovation and restoration

an international conference

april 16-17, 2009

vinovo – torino, italy

[conferences@sjiu.it](mailto:conferences@sjiu.it)

*How do we combine the need to renovate and restore the worldwide existing and aging building stock – most of which is of cultural and historical relevance – with the introduction of innovative energy-saving and environmentally sound technologies?*



SJIU Della Rovere Castle Campus  
Vinovo – Torino, Italy

As a new environmental American university, St. John International University (SJIU) promotes a discussion among professionals and students in the field of architecture on an environmental and sustainable approach to architecture, as characterizes its mission. In particular, this conference is focused on the issue of developing effective solutions in reducing fossil fuel dependency and related global warming effects in the building sector.

*St. John International University is proud to host this event in collaboration with:*

In collaboration with the NH American Institute of Architects earn AIA Continuing Education Units on Sustainable Design while enjoying the sites and flavors of Torino, Italy!

Conference Fee is €300/\$400. Reduced student prices is €50/\$75. For more information email [conferences@sjiu.it](mailto:conferences@sjiu.it) or visit [www.sjiu.it](http://www.sjiu.it)



AIA New Hampshire



Comune di Vinovo

### PRE-CONFERENCE EVENT

Wednesday, April 15, 2009

7:00 p.m. Networking Event with Guest Speaker Roberto Giordano\*\*



Mingle and network with speakers and participants while enjoying a tasting of Piedmont food and wine at a local and historical hot-spot. Enjoy a brief presentation by Robert Giordano on the environmental and urban impact of the Olympic Games in Torino – a sneak peak to Thursday's optional tour.

Roberto Giordano served as Director for the 2006 Winter Olympic Games' study on the environmental impact of the Olympics in Torino. He is currently a Professor of Architecture at the Polytechnic University of Torino and an expert on the environmental impact of development.

\*\*This event incurs an additional fee of €40 /\$50 per person and includes food and beverages

Thursday, April 16, 2009

8:00 a.m. - Shuttles from hotel to the Della Rovere Castle

9:00 a.m.

9:00 a.m. Registration

9:45 a.m. Welcome and Introductions

|              |             |   |             |   |
|--------------|-------------|---|-------------|---|
| 10:15 a.m. – | Session R01 | <i>Sustainable architectural design: an integrated approach</i> | Session R02 | <i>Social and economic function of architects' sustainability</i> |
| 11:15 a.m.   |             | Presenter: Mario Cucinella                                      |             | Presenter: Isabella Goldmann                                      |

11:15 a.m. - Coffee Break

|              |             |  |             |  |
|--------------|-------------|--|-------------|--|
| 11:30 a.m. - | Session R03 | <i>ZED – Zero Emission Development in the UK</i> | Session R04 | <i>Salvaging the unexceptional past: Explorations of the potential of existing urban structures.</i> |
| 12:30 p.m.   |             | Presenter: Susan Roaf                            |             | Presenter: Rebecca Williamson  |

12:30 p.m. Buffet Lunch

2:00 p.m. - Session R05 Case Studies and Panel Discussion: Sustainable Technologies and Materials

Moderator: Susan Roaf

Case Studies:

- *CasaClima: an integrated construction & materials system*  
Presenter: Norbert Lantschner
- *Light through a wall: an innovative design and material technology*  
Presenter: Claudia Pasquero & Marco Poletto
- *Innovative sustainable bricks and ceramic: a European perspective*  
Presenter: Rodica Mărgărit
- *Lightness in heaviness: expanded clay*  
Presenter: Karin Gäbel
- *Wood-based sustainable insulation material*  
Presenter: Andrea Ferro

5:00 p.m. Shuttles depart to hotels

5:00 p.m. - 8:00 p.m. **Session R06: Olympic Architecture in the Urban Landscape of Torino\***



Led by Roberto Giordano, the tour departs directly from the Della Rovere Castle and involves an in-depth examination of the transformation in the southern part of the city, with special attention to the infrastructures and systems installed for the XX Winter Olympics, held in Torino in 2006. The tour will visit the Olympic Village, Olympic Stadium, the PalaOlimpico, the Palavela and analyze their impact on the urban landscape of Torino as well as their post-Olympic uses. Mr. Giordano will also discuss building successes and failures in integrating into Torino's urban landscape.

\*\* This tour incurs an additional fee of €40 /\$35 per person and includes transport.

## Friday, April 17, 2009

8:00 a.m. - Shuttles from hotel to the Della Rovere Castle

9:00 a.m.

9:00 a.m. Registration

9:30 a.m. - Session F01 *Sustainable architectural remodeling: a design experience*  
 Presenter: Pica Ciamarra

Session F02 *Sustainable restoration of conservation-registered buildings: opportunities and constraints.*  
 Presenter: Carla Bartolozzi

10:30 a.m. - Session F03 *Sustainable architectural preservation in the USA*  
 Presenter: Jean Carroon

Session F04 *Energy conscious approach in renovation of residential buildings in the USA*  
 Presenter: Lisa DeStefano

11:45 a.m. - Session F05 *Green urban rehab programs: the case of Cincinnati's historic Over-the-Rhine neighborhood*  
 Presenter: Jeffrey T. Tilman

Session F06 *Integration of sustainable technologies in existing traditional buildings*  
 Presenter: Daniela Bosia

12:45 p.m. Buffet Lunch

2:25 p.m. - Session F07 - Case studies and Panel Discussion Sustainable Building

5:00 p.m. Renovation and Restoration

Moderator: Marco Sala

### Case Studies:

- *A transparent roofing for the courtyard of the Della Rovere Castle*  
 Presenter: Mario Grosso
- *Ecological renovation of a residential building in Piedmont*  
 Presenter: Claudia Pasquero, Marco Poletto
- *A case study of sustainable building renovation in the UK*  
 Presenter: Susan Roaf
- *Sustainable renovation of a Hospital building in Florence*  
 Presenter: Paola Gallo
- *Sustainable refurbishment of an abandoned industrial building in Pistoia*  
 Presenter: Consuelo Nava
- *Case studies on sustainable renovation projects in the USA*  
 Presenter: Lisa De Stefano

5:20 p.m. Shuttles depart to hotels

## Staying for the weekend? Check out these extra activities! Sign-Up Early!

### Saturday, April 18, 2009

#### Wine Tour

A tour to the land of the famous Barolo wine and the white truffle. Taste great Piedmont cuisine during a gourmet lunch while sipping the greatest Piedmont wines as Barbera, Barbaresco and Barolo. The tour lasts approximately 8 hours and will depart from key hotels in Torino and includes transport, wine cellar tours, lunch, and a wine tasting.

Price: €110/\$125 per person all-inclusive



### Sunday, April 19, 2009

#### Royal Residences Tour

Home to Italy's kings and queens and as Italy's only royal city, Torino's "Crown of Delights" are its Royal Residences. The Royal Residences are of great historical and environmental interest that were declared UNESCO World-Heritage Sites in 1997. Royal Residences include Palazzo Reale, Palazzo Madama, Castle of Valentino, Reggia di Venaria Reale, Castello di Rivoli.



The tour departs from key hotels in Torino and will include visits to a selection of the Royal Residences with a professional guide. The tour lasts approximately 8 hours and includes transport, guide, lunch, and entrance fees when applicable. Price: €110 Euro/\$125 per person all-inclusive.