INTEGRATING ENVIRONMENTALLY RESPONSIVE ELEMENTS IN BUILDINGS

Turin, 29 March 2006 – Politecnico di Torino – Salone d’Onore – Castello del Valentino

PRELIMINARY PROGRAM

Welcome and opening of activities
Welcome of the Dean of the first Faculty of Engineering - Politecnico di Torino
Scope, structure and work program of Annex 44

SESSION A
Examples of application of Integrated building concepts
Passive Thermal Mass and its Applications in Buildings
Use of PCM in buildings
Hybrid envelopes coupling free energy, convection specific and latent heat

COFFEE BREAK
Advanced Integrated Façades: an overview
Double skin façade building monitoring
Integrated design method and simulation tools – Eco Façade
Eco-Factor design method
Trias energetica design approach
Climatic potential for passive cooling of buildings by night-time ventilation in Europe

BUFFET

SESSION B
TELEYA – The point of view of a manufacturer of innovative building envelopes
SOMEC – The point of view of a manufacturer of innovative building envelopes
METALSIGMA – The point of view of a manufacturer of innovative building envelopes
IVECO training centre in Turin and Ferrari industrial settlement in Maranello: a common integrated sustainable design process
Examples of design and practical applications of responsive elements in buildings
Examples of design and practical applications of responsive elements in buildings

COFFEE BREAK
IMOSOLAR - Heat-pump systems and ground coupling – The point of view of a manufacturer
Thermal mass activation – State of the art and perspectives
Climate responsive envelopes for China
Zero Energy House: actual results and future target

Closing of activities

English will be the official language of Annex 44 Forum

Notes:

APPLICATION FORM
mail to: Annex44Forum@polito.it or fax to (att'ne Marco Perino): +39.011.564.4499

The admission at the Forum is free.

Coffee Break e Buffet offerti da: Telya - Somec - Metalsigma

FAMILY NAME | FIRST NAME
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ORGANISATION | ADDRESS
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TEL Nº | FAX Nº | Email