



XIV European Conference

UNIVERSITY PARTNERS



DIPARTIMENTO DI FISICA TECNICA



INSTITUTIONAL PARTNERS



UNDER THE AUSPICES OF
THE PRESIDENCY OF THE
ITALIAN COUNCIL OF MINISTERS
Ministries of Environment, Foreign Affairs
Agricultural Policies and Health

THE LATEST TECHNOLOGY IN RENEWABLE ENERGY COOLING AND HEATING APPLICATIONS

Green New Deal - Green Economy

9th June 2011 Politecnico of Milan
(3 pm - 6 pm - Aula Rogers)
Introduction to XIV Conference

CONCLUSIONS & UPDATES FROM EDINBURGH CONFERENCE



PRESIDENTS

S. Roaf Heriot-Watt University – **A. Cavallini** University of Padova-IIR
T. Muneer Edinburgh Napier University – **E. Macchi**, **G. Lozza** Politecnico of Milan
D. Coulomb International Institute of Refrigeration-IIR – **A. Pearson** Institute of Refrigeration-IoR

9th June, 3pm - 6pm

PROGRAMME

(OUTCOMES FROM THE EDINBURGH CONFERENCE)

THE NEW COMPONENTS AND EQUIPMENT OF RENEWABLE ENERGY, ENVIRONMENTAL ISSUES, RESULTS AND UPDATES OF NEW SYSTEMS IN HEATING AND COOLING.

Air Conditioning - innovative applications, energy efficiency.

Heat Pumps - air, water and geothermal systems.

Biomass - use of domestic and agricultural waste.

Thermal Solar - heating and cooling systems.

Wind Power - installation and maintenance of small and big windmills.

New technology systems, new technology energy optimization, new components for household, commercial and industrial renewable energy. New technologies in RE, process and design. New technology in insulation.

Prof. Ennio Macchi, Politecnico di Milano, Energy Department: *introduction*

Prof. Alberto Cavallini, Università di Padova, Honorary President: *Geothermal Heat Pumps*

Dr. Didier Coulomb, Direttore International Institute of Refrigeration (I.I.R.):
renewable energy in refrigeration and air conditioning

Prof. Susan Roaf, Heriot-Watt University: *Solar City*

Prof. Tariq Muneer, Energy Engineering, Edinburgh Napier University:
Solar Thermal, Solar Photovoltaic

Mr Andy Pearson, President Institute of Refrigeration (UK): *Heat pumps and air conditioning*

Mr Klas Serglof, Climacheck, Svezia: *energy efficiency in air conditioning*

Dr Shuli Liu, Faculty of Engineering & Computing, Coventry University: *solar cooling*

Chappelet Annie, Physer: *smart grid*

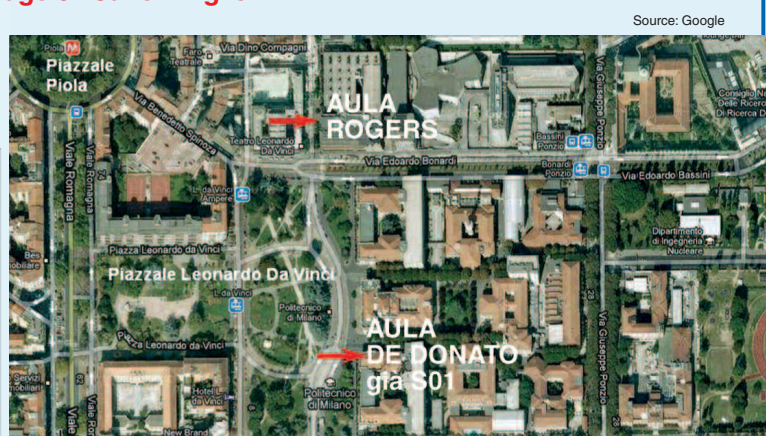
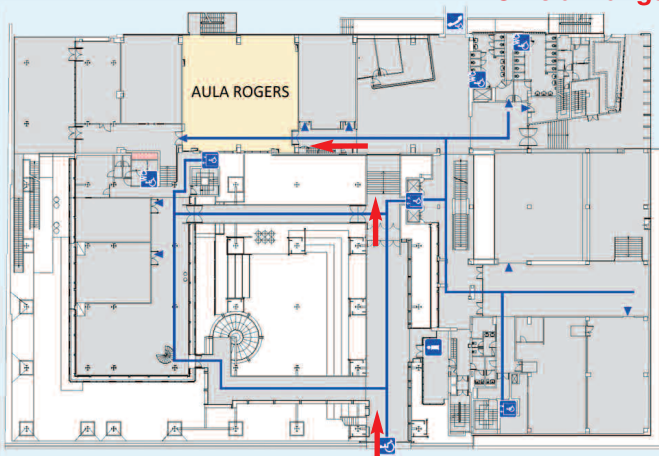
Dott. Ing. Castaldo, Energy Consultant: *Biomasse*

Prof. Tariq Muneer, Energy Engineering, Edinburgh Napier University:
Wind, Geothermal, Marine Power

Prof. Susan Roaf, Heriot-Watt University: *Conclusion*

Free entrance if registered to main conference (10th-11th June)

Official Language 9th June: English



Politecnico of Milan: Via Ampere 2 - 9th June 2011 (3pm-6pm) • Piazza Leonardo da Vinci, 10th-11th June - Aula De Donato

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