

ACQUISTA

# Festival della Scienza Bellezza

Genova, 23 ottobre \_ 3 novembre 2013

## Conferenza

*Approfondimento*

### Energy saving and environmental monitoring: their contribution to the beauty of Planet Earth

#### GREENMA Tempus project

*Gustavo Capannelli, Michele Marsonet, Maurizio Martelli, Aristide Massardo, Angelo Musajo, Nikolay Popov, Luca Antonio Tagliafico, Natalia Tarasova, Pietro Zunino*

L'evento fa parte di: [English Speaking Festival](#)

Un incontro sul tema "Energy saving and environmental monitoring: their contribution to the beauty of the Planet Earth" si terrà la mattina di giovedì 24 ottobre 2013 a Villa Cambiaso presso la Scuola Politecnica dell'Ateneo ligure.

I temi dello sviluppo sostenibile e della pianificazione ambientale saranno affrontati secondo le esperienze Comunitaria e della Federazione Russa. L'evento, infatti, s'inserisce nell'ambito del progetto *Tempus* «GREENMA - Innovative Technologies for Energy Saving and Environmental Control for Russian Universities» coordinato dall'Università di Genova, coinvolgente ventuno partner tra cui undici Università Russe.

Oltre a docenti genovesi, intervengono professori e giovani ricercatori di Università Russe, i quali porteranno la loro esperienza riferita al pensiero filosofico - scientifico connesso al concetto di Noosfera e di Biosfera. Tra i docenti ospiti sarà presente la Prof.ssa Natalia Tarasova di Mosca, recentemente nominata Presidente della IUPAC ("International Union of Pure and Applied Chemistry").

I contenuti del progetto saranno presentati, con particolare riferimento all'opportunità di promuovere, in tema di risparmio energetico e monitoraggio ambientale, lo scambio di conoscenze ed esperienze tra Istituzioni Comunitarie e Università Russe, così come è opportuno il coinvolgimento di aziende che sviluppano e adottano tecnologie innovative in ambito energetico / ambientale e che rappresentano *best practices* tra ricerca, applicazioni industriali e sviluppo sostenibile. Al proposito, parteciperanno rappresentanti di importanti aziende liguri (Boero, Istituto Italiano della Saldatura, Italiana Coke).

Nell'ambito dell'industria delle tecnologie delle energie rinnovabili, rapidamente in espansione, si riscontra una domanda urgente di personale specializzato con formazione post-laurea. È, infatti, nota la carenza di competenze in materia ambientale e nel settore energetico. A tale carenza vuole dare una risposta il progetto GREENMA nell'ambito del programma Comunitario *Tempus*.

#### A cura di

Università degli Studi di Genova – Servizio Supporto Strategie Internazionali

#### Note

Conferenza in lingua inglese senza traduzione

#### Con il supporto di

With the support of the TEMPUS programme of the European Union



Da 16 anni

**il 24 ottobre,  
alle 09:30**

Aula Magna di Villa  
Cambiaso  
Via Montallegro 1  
[Visualizza sulla  
mappa](#)

Ingresso: gratuito



Versione stampabile

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### **Programme of speakers**

#### **Prof. Luca Antonio Tagliafico, Chairman**

University of Genoa, Professor, Polytechnic School

Born in 1957, Mechanical Engineer since 1981, he is Professor of Industrial Engineering Physics at the University of Genoa. Former director of Master Degree Courses and Chairman of the Board of Study Courses in Mechanical Engineering, he now coordinates the Doctorate in Mechanical Engineering, Energy Engineering and Management. He deals with energy conservation, solar energy and heat pumps, magnetic refrigeration. He is a Governing member of the International Institute of Refrigeration.

#### **Prof. Maurizio Martelli**

University of Genoa, Professor, First Vice Rector

He graduated in Computer Science in Pisa in 1974, among the firsts in Italy. He is Professor of Computer Science at the University of Genoa and Professor of Artificial Intelligence. Vice Rector since 2008, Chairman of the Scientific Council of the Festival of Science, member of the Council of CINECA, he has carried out research activities in Logic Programming and Multi-Agent Systems. He also has various positions in the field of technology transfer and he has been the Dean of the Faculty of Mathematics, Physics and Natural Sciences.

#### **Prof. Michele Marsonet**

University of Genoa, Vice-Rector for International

Dean of the Humanities School. Full Professor of Philosophy of Science and Methodology of the Human Sciences. Dean of the Faculty of Arts and Humanities of the University of Genoa in the period 2002-2008. His main areas of study are: Pragmatism, Philosophy of Science Metaphysics, Methodology of the Social Sciences, Political Philosophy and Philosophical Logic. Publication on pragmatism and the philosophy of science in 1997.

#### **Prof. Aristide Fausto Massardo**

University of Genoa, Professor, Dean of Polytechnic School

Full Professor of Energy System; Director of Rolls-Royce Fuel Cell Systems University Technology Centre, since 2004; Coordinator of the Thermochemical Power Group. Chair Cycle Innovations Technical Committee International Gas Turbine Institute (IGTI) - American Society of Mechanical Engineers (ASME) 2002-2005. Evaluator for EU DG Research, FP7 ENERGY. Member of the Panel Process & Industrial Engineering of the European Research Council, Brussels, since 2011, and incoming Chair of the Committee for H2020.

#### **Prof. Pietro Zunino**

University of Genoa, Professor, Director of DIME

Degree in Mechanical Engineering, Master in Turbomachinery at Von Karman Institute for Fluid-Dynamics, Brussels. Full Professor of Turbomachinery. Director of Department of Fluid Machinery, Energy Systems and Transportation (2005-2011). Director of Department of Mechanical Engineering, Energy, Management, Transportation (since 2012). Scientific manager of National and European Research Projects in Aero-thermodynamics of Gas Turbines.

#### **Prof. Natalia Tarasova**

"D. Mendeleev" University of Chemical Technology of Russia, Professor

Director of Institute of Chemistry and Problems of Sustainable Development and chairholder of the UNESCO Chair in Green Chemistry for Sustainable Development at Mendeleev University in Moscow. She is a member of the Russian Academy of Sciences, Vice-President (President -Elect) of the International Union of Pure and Applied Chemistry (term 2014-2016). She holds a Doctor of Sciences degree. She has over 350 publications on radiation chemistry, environmental chemistry, green chemistry and education for sustainable development.

#### **Prof. Nikolay Popov**

Tambov State Technical University, Professor

Doctor of Technological Sciences. He is the Head of the chair of "Nature Management and Environment Protection" at Tambov State Technical University, Russian Federation. His teaching domains are "Environment protection" and "Industrial ecology". He has coordinated several international projects, he has been working in international education since 1997, he has more than 400 publications and 15 patents for inventions. He is an Honoured Scientist of Higher School of the Russian Federation and laureate of National Environmental Award named after V.I.Vernadsky.

#### **Prof. Gustavo Capannelli**

President of TICASS Consortium

After a career as University professor in Chemistry and Industrial Chemistry, he has become President of the TICASS Consortium. TICASS is a non-profit Consortium including public research bodies (mainly Departments of the University of Genoa), small-medium enterprises and large Companies. It is the core of the regional Innovation Hub "Energy and Environment" supported by ERDF (European Regional Development Fund) in the Liguria Region in Italy.

#### **Mr. Angelo Musaio**

University of Genoa, middle manager

He is head of the Service of Support for International Strategies at University of Genoa. He has a long-standing experience in the different issues of the university management and governance. In the last ten years he has been coordinator of several TEMPUS projects, including the GREENMA project.