

Scientific-Session Organising Committee

Michele DASSISTI (responsible and coordinator) - Politecnico di Bari - Italy
Paolo CARLUCCI - Università degli Studi del Salento - Italy
Michela CHIMIENTI - Politecnico di Bari - Italy
Rosa DANGELICO - Politecnico di Bari - Italy
Cristina EPIFANI - Università degli studi di Bari - Italy
Emanuela INGUSCI - Università degli studi di Bari - Italy
Luigi RANIERI - Università degli Studi del Salento - Italy
Marco TORRESI - Politecnico di Bari - Italy

Industrial-Session Organising Committee

Antonio ACHILLE - A.D.I. & Partners - Italy
Vittorio CESANA - Former Bridgestone - Italy
Antonio DE NICOLA - IASI CNR - Italy
Michele DE NICOLÒ - Politecnico di Bari - Italy
Rocco MENNUTI - Università degli studi di Bari - Italy
Francesco MISCEO - Bari - Italia
Nicola STASOLLA - Cons. STIM Engineering s.r.l. - Italy

Related International Journals

- **Machining Science and Technologies** (Taylor&Francis)
- **International Journal of Sustainable Manufacturing** (Inderscience)
- **International Journal of of Automotive Technology and Management** (Inderscience)
- **ENERGY - The international Journal** (Elsevier)
- **Simulation Modelling Practice and Theory** (Elsevier)
- **International Journal of Materials Engineering Innovation** (Inderscience)
- **Journal of Sustainable Manufacturing and Renewable Energy** (Nova Publisher)

Important dates

Deadline for abstract submission (see abstract submission): February 25th, 2010
 Deadline for abstract acceptance: March 10th, 2010
 Deadline for full paper submission (see publication details): April 30th, 2010
 Deadline for paper acceptance and revision: May 10th, 2010
 Deadline for sending camera-ready papers: June 10th, 2010

Abstract submission

Interested contributors are requested to submit abstract(s) along with the completed preliminary registration form. Abstract should have maximum 200 words text; Times New Roman -12 pt; reporting title, authors and coauthors; address of the corresponding author (mailing and e-mail addresses, telephones). Send the manuscript to the address at the "Contacts" section preferably by e-mail (Word for Windows 95 or updated /.doc/ or Portable Document Format: PDF); otherwise, send 1 copy by fax or by mail.

Papers not accepted for oral discussion or explicitly sent for can be presented during a poster session upon approval of the International Advising Committee. Posters should be printable on A1 (594 x 841mm) or A0 (841 x 1189 mm) ISO 216 format and transformed in Portable Document Format - PDF - or other graphic format (jpeg, bmp,...). Posters will not be printed by the organisers: authors are requested to provide printed version of posters for discussion in the poster session.

Contacts

SCIENTIFIC CONFERENCE COORDINATOR

Dr. Ing. Michela CHIMIENTI
 Politecnico di Bari - Dip. di Ingegneria Meccanica e Gestionale
 Viale Japigia, 182 - 70126 BARI - ITALY
 Telephone: +39 080 596.2747/2808 - Fax + 39 080 596.2777
 e-mail: seep2010@poliba.it

INDUSTRIAL CONFERENCE COORDINATOR

Dr. Ing. Michele DE NICOLÒ
 Telephone: +39 080 596.2743 - Fax + 39 080 596.2788
 e-mail: seep2010@poliba.it
 Conference Address: <http://seep2010.poliba.it>

CHAIRMAN

Prof. Ing. Michele DASSISTI
 Politecnico di Bari - Dip. di Ingegneria Meccanica e Gestionale
 Viale Japigia, 182 - 70126 BARI - ITALY
 Telephone: +39 080 596.2747 or +39 329 650.6022
 Fax. + 39 080 596.2788
 e-mail: m.dassisti@poliba.it
 URL: <http://hychange-lab.poliba.it/>



4th International Conference on Sustainable Energy & Environmental Protection

June 29/July 02, 2010
Politecnico di Bari
BARI - ITALY

Reference web site
<http://seep2010.poliba.it>
seep2010@poliba.it



Sustainability is becoming the new-age goal. The Sustainable Energy and Environmental Protection conference provides a forum for both researchers and practitioners around the world to present papers on recent developments in the fields of Sustainable Energy and Environmental Protection. The organising committee of the Conference invites papers from researchers and practitioners from academia as well as industry within the scope of the conference subjects.

Scope and Subject coverage

The scope of the SEEP 2010 conference is broad within sustainable energy and environmental protection. The conference particularly welcomes papers related to industry-based projects. Papers dealing with one or more of the following topics belongs to three main areas will be considered for the conference:

RENEWABLE ENERGY PRODUCTION & MANAGEMENT AREA

- Biomass conversion
- Carbon-neutral Processes and Techniques
- Codes & Standards
- Energy from biomass
- Fuel Cell and Hydrogen Technology
- Hydrogen Economic & Investments
- Marine/Ocean Energy
- Materials & Fuel developments (Including: Nano- technologies, Lightweight structures, Bio-composite Materials, Fuel Cell Materials, Membranes, Sensor)
- Multi-generation Systems
- New Concepts including LNG, Biogas Hydrogen, Electrical & Supercapacitors and Applications
- Geothermal energy
- Photovoltaic Technology
- Solar Thermal Applications
- Technical Developments in Vehicles, Engines and Equipment
- Wind Energy & Applications
- Zero Emission and Zero Landfill Prospects

SUSTAINABILITY SCIENCE AREA

- Codes & Standards
- Eco-X approaches (production, processes, technologies,...)
- Energy Efficiency in Manufacturing and Process Industries
- End-of-life Options for Manufactured Products and Reverse Logistics
- Innovative Transportation Systems (both private and public)
- Modelling and Simulation for Sustainability
- Sociological and Societal Issues in Sustainability Studies
- Stakeholder Satisfaction
- Sustainable Marketing Strategies
- Sustainable Supply Chain Operations
- Sustainable Product Quality System

- Sustainability Science and Engineering
- Sustainable Manufacturing (Products, Processes, Systems and Technologies)

ENVIRONMENT PROTECTION & MANAGEMENT AREA

- Climate Change
- Codes & Standards
- Economical Aspects of Sustainability
- Environment Management
- Environmental Issues
- Health and Environment
- International Perspectives
- Managing sustainable technologies public and private transportation
- LCA (Life Cycle Assessment)
- EDP (Environmental Product Declaration) and Eco-label
- Policies & Regulations

International Scientific Committee

Vito ALBINO (Italy)	Filippo GABRIELLI (Italy)	Fabrizio MICARI (Italy)
Alfredo ANGLANI (Italy)	Luigi GALANTUCCI (Italy)	Alberto MIRANDOLA (Italy)
Sven ANDERSSON (Sweden)	Michele GAMBINO (Italy)	Michele MISSIKOFF (Italy)
Iba AL-ADEL (Saudi Arabia)	Claudio GARAVELLI (Italy)	Giovanni MUMMOLO (Italy)
Mustafa AKAYN (Ireland)	Artur GRUNWALD (Germany)	Sumsun NAHER (Ireland)
Sabah Abdul-Wahab AL-SULAIMAN (Oman)	A.M.HAMODA (Qatar)	Vincenzo NASO (Italy)
Osama AL-HAWAJ (Kuwait)	Gary HAWLEY (UK)	Sergio NOTO LADIEGA (Italy)
Luigi ALLOCCA (Italy)	Neil James HEWITT (N.Ireland)	Abdul OLABI (Ireland)
I. ASHOUR (UAE)	Gu HONGCHEN (China)	Vincent O'MALLEY (Ireland)
Rik BAERT (The Netherlands)	Salah IBRAHIM (UK)	Hervé PANETTO (France)
M.H.BAAJ (Lebanon)	Masahiro ISHIDA (Japan)	Ion PARASCHIVOIU (Canada)
Giuseppe BERIO (France)	Valentin IVANOV (Belarus)	Raimondo PASQUINO (Italy)
D. BRADLEY (UK)	Franco JOVANE (Italy)	Pasquale PAZIENZA (Italy)
Erick BRINCHMENN (Norway)	George Kakarelidis (Greece)	Achille PELLERANO (Italy)
Giuseppe CALABRESE (Italy)	Socrates KAPLANIS (Greece)	Domenico PETRUZZELLI (Italy)
Sergio CAMPOREALE (Italy)	Michio KITANO (Japan)	Pierpaolo PONTRANDOLFO (It.)
Leonarda CARNIMEO (Italy)	I. S. JAWAHIR (USA)	Ahmed RASSILI (Belgium)
Luigi CARRINO (Italy)	Hussam JOUHARA (UK)	Rolf RITZ (USA)
Giancarlo CAPRINO (Italy)	Roland JOCHEM (Germany)	Anthony ROBINSON (Ireland)
David CHEN (France)	David KENNEDY (Ireland)	Francesco RUGGIERO (Italy)
Yonghua CHENG (Belgium)	Domenico LAFORGIA (Italy)	G.mo SCARASCIA MUGNOZZA (It.)
Nicola COSTANTINO (Italy)	Massimo LASCALA (Italy)	Michael SEAL (USA)
Michele DASSISTI (Italy)	Alberto LATEGOLA (Italy)	Quirico SEMERARO (Italy)
J. DAWSON (USA)	Eric LEONHARDT (USA)	Luca SETTINERI (Italy)
Artan DERSHA (Albania)	Antonio D. LUDOVICO (Italy)	William SMITH (Ireland)
Arturo DE RISI (Italy)	Henrik LUND (Denmark)	D.G.SIMEONOV (Bulgaria)
Vincenzo DI LECCE (Italy)	Ennio MACCHI (Italy)	Josè SIMOES (Portugal)
Faek DIKO (Syria)	Paul MACARTAIN (Ireland)	Sergio SOLIMINI (Italy)
Perparim De CHOLLI (Albania)	Abdulla MARASHLY (Syria)	Marco SPINEDI (Italy)
Roy DOUGLAS (N.Ireland)	Ian MARISON (Ireland)	Luigi TRICARICO (Italy)
Gino DINI (Italy)	Rabe MARKUS (Germany)	Giancarlo TANUCCI (Italy)
H. ELWANY (Egypt)	Francesco MARTELLI (Italy)	David TOMONEY (Ireland)
Bernardo FORTUNATO (Italy)	Jim MCGOVERN (Ireland)	Luca TOMESANI (Italy)
Fiorenzo FRANCESCHINI (Italy)	Dieter MEISSNER (Austria)	Paola VELARDI (Italy)
Naotake FUJITA (Japan)	Athanasios MEGARTIS (UK)	Yasufumi YOSHIMOTO (Japan)
	Michele MONNO (Italy)	Khaled Ben YOUNIS (Libya)

Conference program

June 29th, 2010

8:45 - 19:00 REGISTRATION
19:30 WELCOME COCKTAIL

June 30th, 2010

8:45 OPENING CERIMONY
10:00 - 13:30 WORKSHOP on "Sustainable Energy & Environmental Protection (SEEP): opportunities for developing the regional economy in Europe".

The opening ceremony will be held in the Politecnico di Bari and will consist in a public workshop, moderated by journalists, where main regional stakeholders (regional politician, government representatives, outstanding experts, entrepreneurs and inventors) will be invited to debate together with outstanding international researchers on the economical potentialities of sustainability issues; invited discussant from public will stimulate the brainstorming session. Outcomes of the workshop will be published on conference proceedings: higher diffusion will be assured by the presence of main newspaper and TVs.

Invited Keynote speakers:

- Prof. S. Jawahir (Head of the Department of Sustainable Manufacturing; University of Kentucky, USA)
- Prof. Professor Sawas Tassou (Head of School of Engineering and Design; Brunel University UK)

15:00 - 19:30 SCIENTIFIC SESSIONS

Oral presentations will be of 15 minutes with 15 min of guided discussion (invited discussant) upon the supervision of an independent peer judges for assigning "Joung Researcher on Sustainability" prizes. Each parallel session will host 9 oral presentation at the most.

SESSIONE 1 : "Renewable Energy Systems: Sizing issues, Technical & Power characteristics, Management, Optimization"

SESSIONE 2 : Modelling techniques for Sustainability

July 1st, 2010

09:00 - 13:30 SCIENTIFIC SESSIONS

SESSION 3 : "Renewable Energy Systems: Sizing issues, Technical & Power characteristics, Management, Optimization"

SESSION 4 : "Sustainable manufacturing"

14:30 - 19:30 SCIENTIFIC SESSIONS

SESSION 5 : The R' approaches

SESSION 6 : The green economy

20:00 - 21:00 PRIZES CERIMONY

Sponsored prizes, will be awarded to joung researchers (less than 40 years): peer judges will assign the awards based on the quality of both the papers (in terms of innovation and potentialities of industrialisation), as well as the oral presentation.

July 2nd, 2010

09:00 - 13:00 POSTER SESSION

Poster session requires at least one author available to discuss the paper contents vis-à-vis throughout all the duration of the session.

13:00 - 13:30 CONFERENCE CLOSURE