

Conference announcement

Nevena Grubelic*

8th Conference on Sustainable Development of Energy, Water and Environment Systems, September 22–27, 2013, Dubrovnik, Croatia

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Scope and objectives

The 8th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES Conference), to be held in Dubrovnik in 2013, is dedicated to the improvement and dissemination of knowledge on methods, policies and technologies for increasing the sustainability of development by de-coupling growth from natural resources and replacing them with knowledge-based economy, taking into account its economic, environmental and social pillars, as well as methods for assessing and measuring sustainability of development, regarding energy, transport, water, environment and food production systems and their many combinations.

The SDEWES Conference will comprise all facets in sustainability research and development. This includes traditional topics, such as assessment methodologies, including *Life cycle assessment*, *Transport system analysis* or *Product cycle assessment* and energy-related issues, including *Energy system analysis*, *Renewable energy resources*, *Primary energy resources*, *Biofuels and biorefineries*, *Thermal power plants* or *District heating and/or cooling infrastructures in future energy systems*. Resource management, besides for energy, will be reflected in the topics *Water resources* and *Food and agriculture*. In a way, energy efficiency is one central issue of the conference, with all its various applications; see *Energy efficiency in industry and mining*, *Energy efficiency in agriculture and aquaculture* or *Energy efficient appliances*. Emerging enabling technologies have found an entry as well, such as *Nano and micro technologies*. Social and business aspects are also not forgotten, as evident from the focus on the *Political aspects of sustainable development* and on the *Green New Deal*.

In addition, acknowledging that regional coordination is the only feasible solution for gaining synergy effects for the small and only partially connected emerging energy markets of the South East European Region, the Conference will address the core goals of the Energy Community.

Call for papers

The papers must report original, previously unpublished findings in the fields of sustainable development of energy, transport, water, food and environment systems and policy. All papers will be reviewed under the direction of the International Scientific Committee, by the Scientific Advisory Board.

For more information regarding papers, please visit the website.

International Scientific Committee

Prof. Maria da Graça Carvalho, Instituto Superior Técnico, Lisboa, Portugal, Co-Chair

Prof. Neven Duic, University of Zagreb, Zagreb, Croatia, Co-Chair

Prof. Vyacheslav Kafarov, Industrial University of Santander, Bucaramanga, Colombia, Co-Chair for the Americas

Prof. Jiri Klemes, University of Pannonia, Veszprem, Hungary, Co-Chair for Central and Eastern Europe

Prof. Ingo Stadler, Cologne University of Applied Sciences, Cologne, Germany, Co-Chair for Western Europe

Prof. Naim H. Afgan, Instituto Superior Técnico, Lisboa, Portugal

Prof. Zvonimir Guzović, University of Zagreb, Zagreb, Croatia

Prof. Kemal Hanjalic, Delft University of Technology, Delft, Netherlands

Prof. Mireille Jacomino, Grenoble Institute of Technology, Grenoble, France
 Dr. Andreas Kallioras, National Technical University of Athens, Athens, Greece
 Prof. Walter Leal Filho, Hamburg University of Applied Sciences, Hamburg, Germany
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 Prof. Brian Vad Mathiesen, Aalborg University, Aalborg, Denmark
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 Prof. Jordan Pop-Jordanov, Macedonian Academy of Sciences and Arts, Skopje, Macedonia
 Prof. Nikola Ruzinski, University of Zagreb, Zagreb, Croatia
 Prof. Daniel Rolph Schneider, FSB, University of Zagreb, Zagreb, Croatia
 Prof. Ivo Šlaus, Rudjer Boskovic Institute, Zagreb, Croatia
 Dr. Petar Varbanov, University of Pannonia, Veszprém, Hungary
 Prof. Xiliang Zhang, Tsinghua University, Beijing, China
 Prof. Aleksander Zidanšek, Jozef Stefan International Postgraduate School, Ljubljana, Slovenia

Deadlines

Abstract due (archival): February 15, 2013
 Archival full paper: May 15, 2013
 Conference full paper: September 15, 2013

Conference venue

Dubrovnik is situated in the southernmost part of the Republic of Croatia. Founded in the 7th century, Dubrovnik is rich in cultural and historical monuments and is included in the UNESCO world Heritage list. Dubrovnik International Airport is situated 22 km from the city center.



Contact

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UNESCO Sponsored Conference
 United Nation Education, Science and Culture Organization, Paris, France



Organizers:
 University of Zagreb, Zagreb, Croatia
 Instituto Superior Técnico, Lisboa, Portugal



In co-operation with:

- University of Dubrovnik, Dubrovnik, Croatia
- Aalborg University, Aalborg, Denmark
- Institut National Polytechnique de Grenoble, Grenoble, France
- Cologne University of Applied Sciences, Cologne, Germany
- University of Pannonia, Veszprém, Hungary
- Macedonian Academy of Sciences and Arts – Research Center ICEIM, Skopje, Macedonia

- Delft University of Technology, Delft, The Netherlands
- Vinča Institute of Nuclear Sciences, Belgrade, Serbia
- Jozef Stefan International Postgraduate School, Ljubljana, Slovenia
- Industrial University of Santander, Santander, Spain

