



The Association of European
Operational Research Societies

REPORT

Of the 5th International Vilnius Conference and XXII EURO Mini Conference
“Knowledge-based technologies and OT Methodologies for
Strategic Decisions of Sustainable Development” (KORSD-2009)

September 30-October 3, 2009, Vilnius, Lithuania

The XXII EURO Mini Conference and 5th International Vilnius Conference “Knowledge-Based Technologies and OT Methodologies for Strategic Decisions of Sustainable Development (KORSD-2009)” was held in Vilnius, Lithuania, September 30-October 3, 2009, <http://www.mii.lt/KORSD-2009>.

The organizing institutions of the KORSD-2009 are

- European Association of Operational Research Societies (EURO);
- Baltic Environmental Information Dissemination System;
- National Commission of Sustainable Development of Lithuania;
- Lithuanian Operational Research Society (LitORS);
- Vilnius Gediminas Technical University, Vilnius, Lithuania;
- Institute of Mathematics and Informatics, Vilnius, Lithuania.

The conference KORSD-2009 was supported by

- Lithuanian State Foundation of Study and Research,
- UNESCO National Commission of Lithuania ,
- Institute of Applied Mathematics, Ankara, Turkey,
- EURO Working Group OR for Development,
- European Working Group of Methodology of Societal Complexity.

The Conference was organized by the Organizing Committee, chaired by Professor Leonidas Sakalauskas from the Institute of Mathematics and Informatics, Vilnius, Lithuania. The scientific programme of the conference has been created as well as papers to publish in ISI Proceedings and special issues of top-rating journals have been selected by the International Programme Committee, chaired by Professor Manfred Grasserbauer from Wien University of Technology, Austria, and co-chaired by Prof. Dorien Detombe from European Working Group of Methodology of Societal Complexity, Netherlands.

The KORSD-2009 encouraged and facilitated interdisciplinary communication, emphasising those areas that provide the most benefits for state-of-the-art of sustainability

development including sustainability methodology for sustainable economics and sustainable human life connected with knowledge-based and economic technologies. The Conference became an efficient and effective dialogue between researchers, politicians, business and public in order to encourage the integration of economics, ecology, management and social policies into an interdisciplinary goal of developing a sustainable world.

The Programme Committee of KORSD-2009 accepted 113 abstracts for publishing in the Volume of Abstracts from those submitted by 204 authors from 27 countries. 123 participants from 24 countries (Australia, Austria, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Mexico, Nepal, Netherlands, Norway, Peru, Poland, Portugal, Romania, Russia, Spain, Sri Lanka, Sweden, Switzerland, Ukraine, United Kingdom, United States, Vietnam) attended the Conference communicating with 6 invited lectures in three plenary sessions, and 84 contributed presentations in 28 parallel contributed sessions.

The invited lectures have been delivered by well-known scientists who put the special emphasis on those areas that mostly contribute to the appreciation of the state-of-the-art of sustainable development and OT methodologies as well as knowledge-based technologies, that became important tutorials for many young promising researchers, who took an active part in the conference. The following invited lectures have been delivered:

- Do we need the Third Industrial Revolution to achieve Sustainable Development ?
Prof. Manfred Grasserbauer, Viena University of Technology
- Sustainable Development on a National Level - The Finnish Approach
Prof. Dr. Lea Kauppi, Director General of the Finnish Environmental Research Institute (SYKE), Finland
- Sustainable development in Developing countries: The ACP "African-Caribbean Observatory"
Prof. Dr. Alan Belward, Head of Global Environment Monitoring Unit, JRC-IES
- Information communication technologies for sustainable development
Prof. Dr. Alexander Schatten, Viena University of Technology
- Relationships of cooperation and conflict between firms, communities, new social movements and the role of government
Prof. Jose G. Vargas-Hernandez, University of Guadalajara, Mexico
- Sustainable industrial development: theory and practise
Prof. Jurgis Staniskis, Institute of Environmental engineering, Kaunas, Lithuania

Dissemination of knowledge discovered in KORSD-2009 is a very important task. The Programme Committee after thorough reviewing by international reviewers board selected 95 papers from those 127 submitted for publishing in the Volume of ISI Proceedings, which have been delivered during the Conference. The organizers of the Conference are

preparing to publish the special issue of selected KORSD-2009 papers in the top-rating journal "Technological and economic development of economy".

Sincerely yours,

Prof. Leonidas Sakalauskas

Vice-President of the Lithuanian Operational Research Society

Chairman of OC of KORSD-2009

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