



9th Global Conference on Sustainable Manufacturing

Sustainable Manufacturing – Shaping the Global Value Creation



September 28th – 30th, 2011

At St. Petersburg State Polytechnical University and
St. Petersburg State University of Economics and Finance

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2000

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Deadlines:

May 20th, 2011 - Abstract submission

June 20th, 2011 - Notification of abstract
acceptance

July 20th, 2011 - Full paper submission

Conference Fees:

International participants: €400

Russian companies participants: €400

Russian academic participants: €100

Students: €50

Hotel Accommodation:

Official travel agent of 9GCSM features
partner hotels (3* and 4*) with special
prices for participants.

Hotel information is published on the
9GCSM website.

Objective

Modern Russia is a strong and rapidly developing state implementing the best of international practices on the fundament of its own rich historical experience. Russian economy aspires for sustainable and innovative advance together with its continental and overseas partners. St. Petersburg being the second capital and business center of Russia welcomes international partners for work and for fruitful exchange of ideas.

Innovative products and manufacturing technologies can help to address the challenges of global sustainable development. To meet the material and immaterial needs of a continuously growing global population, technology must be adapted to achieve higher utilisation with fewer resources. Non-renewable resources must no longer be disposed of, but utilised in multiple phases of product and material cycles. Renewables can substitute non-renewables, but must not be used to an extent higher than they can be regained. Immaterial needs include educational and qualification measures to increase people's awareness, thus enabling them to cope with the interrelated economical, environmental and social challenges of sustainability by initiatives in innovative technology.

The 9th Global Conference on Sustainable Manufacturing (9GCSM) is geared towards representatives of science and industry from all continents. The conference serves as a forum for international research institutes and industrial companies related to the area of sustainable manufacturing. The conference offers keynote speeches, panel discussions, expert sessions and a poster forum. Discussions and exchange of ideas between the participants are an integral part of the meeting.

9GCSM will be a follow-up to previous conferences held at Masdar Institute of Science and Technology, Abu Dhabi University/UAE in November 2010, at IIT Madras/India in December 2009, at Pusan National University/Korea in October 2008, at Rochester Institute of Technology Rochester(NY)/USA in September 2007, at University of Sao Paulo/Brazil in October 2006, at Jiao Tong University Shanghai/China in October 2005, at Technical University Berlin/Germany in September 2004, as well as the Environmentally Benign Manufacturing (EBM) workshop held in Birmingham (Alabama)/USA in January 2003.

Topics

- Value creation by sustainable manufacturing
- Manufacturing processes and equipment
- Remanufacturing, reuse and recycling
- Product design for resource efficiency and effectiveness
- Innovative energy conversion
- Green supply chain and transportation
- Adequate environments for entrepreneurial initiative
- Education for sustainability engineering
- Economics for sustainability and development



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Registration Details and Program Highlights

Regular and student registration fee covers participation in all conference events, meals, publication of abstracts before the event and Springer publication after the conference.

September 27th (Tuesday): recommended arrival date

September 28th (Wednesday): Opening Plenary of the conference at LENEXPO Exhibition Center on Baltic Sea

Visit to the XV Forum and Exhibition "Russian Industrialist-2011"

Official reception

September 29th (Thursday):

Plenary and Sessions at FinEc University at city centre

Evening Get-together event by ship on Neva river

September 30th (Friday):

Students' sessions and case study presentation, visits to St. Petersburg companies

Evening party "Rock for Sustainability" with students and senior participants

Information Submission and Peer Evaluation

Authors should submit abstract (about 18 lines) in English, as a file and upload it to the conference website. Guidelines to prepare the full papers are available in the conference website. These papers are uploaded into the website for review and comments by the Local and International Steering Committee.

Full Paper Publication and Peer Evaluation

All full papers will be evaluated and edited in a book published by Springer. At least one author must be registered and pay the registration fee in order for the papers to be published. The submitted papers will be evaluated by scientists of the Local and International Steering Committee.

Conference Venues and Organizers

The first official part and the Plenary of the conference will be located at **LENEXPO Exhibition Center** along with the XV Forum and Exhibition "Russian Industrialist-2011", the largest industrial forum of Russia involving more than 350 exhibiting companies from Russia and abroad, and about 21,000 visitors from 35 states. The second and third days will be hosted by the organizing Universities.

The organisers of the conference are two most prestigious St. Petersburg universities: St. Petersburg State University of Economics and Finance (FINEC) and St. Petersburg State Polytechnical University.

FINEC is the number one economic university in Russia by the rating of the Russian Ministry of Education. For more than 80 years FINEC provides the best economic education in Russia.

St. Petersburg State Polytechnical University is one of the oldest and most prominent technical universities of Russia. The status of National Research University proves its high scientific and education potential.



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