

Workshop “Design of semiconductor components and electronic based miniaturised systems: European and Russian R&D cooperation”

September 20-21, 2010 – Saint-Petersburg, Russia

*In conjunction with the 8th IEEE EAST-WEST DESIGN & TEST SYMPOSIUM (EWDTS 2010),
17-20 September, 2010*

Scope and Goals

The workshop is aimed at strengthening R&D collaboration between the European Union and Russia in the field of Semiconductor Design Technologies (SDT). To this effect, representatives from both the research and industrial communities will be brought together to **share experiences, present and discuss recent scientific and technological achievements, and identify areas of common interest and potential R&D collaboration in the field of SDT**, namely within the scope of upcoming calls of the European Union’ 7th Framework Programme.

The workshop is being organised by the EC-funded project SEMIDEC <http://www.semidec-ru.eu>, “Stimulating Semiconductor Design Cooperation between Europe and Russia”. Semiconductor Design is one of the key priority ICT areas defined in the 7th Framework Programme (ICT Work Programme). The SEMIDEC project is aimed to stimulate cooperation between Europe and Russia in the design of semiconductor components and electronic based miniaturised systems and to help R&D teams from European Union and Russia to initiate joint SDT projects.

Workshop participants will have the opportunity to:

- Meet with European and Russian leading players within the semiconductor components and electronic based miniaturised systems field
- The workshop participants will have an opportunity to receive free advice on technical and administrative matters pertaining to the European Commission 7th Framework Programme, on preparing project proposals, and on potential partners for joint SDT projects.
- Get insight into the latest technical developments presented by researchers with first-hand experience
- Take advantage of networking opportunities to establish new research-research and research-business contacts

The Workshop will aim to strike an adequate balance between research and industry-related issues, focusing specifically on greater involvement of industrial stakeholders in the project.

Target Audience

The workshop targets an audience (at the level of project manager, researchers, head of laboratory, etc.) from European and Russian organisations (academia, research institutes & laboratories, multinational corporations, SMEs, etc.) specializing in the areas that are at the core of the SEMIDEC project.

Program overview

Workshop will include 2 components:



- **awareness raising** of opportunities for cooperative research in semiconductor design under the FP7 ICT Work Programme. It will include overview presentation on of the ICT Challenge 3.2 priorities and discussion of EU-RF cooperation priorities in semiconductor design sphere
- **networking** between Russian and European semiconductor design experts and organizations. It will be consist of number of participants presentations (up to 25) on concrete R&D topics or cooperation proposals.

Of special interest are topics pertaining to the industrial sectors designated as high priority for EU-RU collaboration:

IC design, microelectronics, semiconductor physics and nanotechnology, telecommunications.

FP7 Training

Training on how to contact and cooperate with potential EU semiconductor organizations and how to participate in the EU's FP7 ICT work program.

Registration Information

To register for SEMIDEC workshop, please use the regular EDTWS Symposium Registration procedure:

http://ewdtest.com/conf//index.php?option=com_content&task=view&id=30&Itemid=53

Please mark at registration form that you wish to attend in SEMIDEC workshop.

Call for papers see here:

http://ewdtest.com/conf//index.php?option=com_content&task=view&id=16&Itemid=39

The SEMIDEC project will pay the Conference early registration fees for up to 20 of workshop speakers (including non-SEMIDEC related participants) from European Union, 7th Framework programme¹ associated countries¹ and from Russia.

Participants from countries outside the EU and RUSSIA are also welcome.

Important Dates

Registration: **July 10, 2010**

Workshop Organizing Committee

Prof. V.I.Hahanov – Kharkov National University of Radioelectronics, Ukraine

Mr. G.Brandon – Intelligentsia Consultants, UK

Mr. F.Le Gall – INNO, France

Prof. A.S.Korotkov – St. Petersburg State Polytechnical University, Russia

Contact:

Prof. Alexander Korotkov,

St. Petersburg State Polytechnical University

Phone : +7 812 5527639

korotkov@rphf.spbstu.ru

¹ Switzerland, Israel, Norway, Iceland, Liechtenstein, Turkey, Croatia, FYROM, Serbia, Albania, Montenegro, Bosnia and Herzegovina