

German-Russian Forum Nanophotonics and Nanomaterials

16. – 17.09.2010

Tomsk, Russia

Organisers



UniKasselTransfer

Ost-West-Wissenschaftszentrum



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Targets

The Forum at Tomsk is meant to strengthen the already established contacts of all German partners and to identify topics which might lead to joint R&D clusters or project groups. Strategies to integrate young academics of both countries into the process will be discussed.

The topics were chosen according to the recommendations of the German-Russian Working Group "Nanotechnology" in accordance with the thematic calls of the Seventh Framework Programme of the EU and the priority programmes of the Federal Ministries of Education and Research in Germany and Russia.

1. Nanophotonics:

- Quantum dot structures for light sources
- Light guiding structures/metamaterials and microcavities
- Combination of light emitting/detecting and electronic control devices
- Design of quantum dot arrays
- Nanowires, nanostructured fibers
- Lithography including nanoimprint
- Nanoscaled diode lasers

2. Nanomaterials:

- Nanoceramics
- Biocompatible and biofunctional materials
- Materials for detectors (space applications, rescue, ...)
- Biomimetic materials
- Modern functional materials, surfaces and coatings
- Supplements for toxic substances like CdS, or rare elements like In in ITO.
- Drug delivery, tracer, tissue engineering

Programme (29.04.2010)

15 September 2010 Wednesday		Arrival
	19.00	Get together
16 September 2010 Thursday	German-Russian Forum Nanophotonics and Nanomaterials	
	09.00	Welcome by the Organisers (TU Tomsk, OWWZ)
	–	1. Plenary Session
	10.30	Nanotechnologies in Germany and Russia – current situation and potentials for cooperation in R&D
	10.30	Coffee break
	–	
	11.00	
	11.00	Poster Talk
	–	
	12.00	
	12.00	Lunch
	13.00	Project Search Sessions
	–	<i>Session I:</i>
	16:00	Nanophotonics
		- Poster discussion
		- Status presentations
		- Project proposals
		<i>Session II</i>
		Nanomaterials
		- Poster discussion
		- Status presentations
		- Project proposals
	16.00	Coffee break
	–	
	16.30	
	16.30	Session: Funding in Germany and Russia for R&D in Nanotechnologies
	–	- ISTC
		- FASIE
	17.30	- RusNano
		- BMBF
	19.00	Reception
17 September 2010 Friday	09:00	Round Table
	–	Integration of Young Scientists in bilateral / EU project activities
	11.00	
	11.00	Excursions to Institutions and enterprises of the Nano Innovation Centre
	–	Tomsk and departments of the TU Tomsk and other research institutions
	18.00	
	18.00	Partner Meeting
		Evaluation of the Forum
18 September 2010 Saturday		Departure