

4. Georgian-German School and Workshop in Basic Science 2010: Follow Up

May, 2010 / Tbilisi, Georgia

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- Status Quo
- Looking Ahead: Three Scenarios
- BMBF-Message
- Jülich PhD-Programme

Status Quo – Partner Duos

MoU between Jülich-GSU-GTU on

- Hadron Physics (Institute of Nuclear Research-HEPI-GSU-GTU)
- Design and Engineering (Central Technology Division - GTU)
- Material Science (Institute of Energy Research - GTU)
- Simulation of atmospheric chemistry (Institute of Chemistry and Dynamics of the Geosphere – TSU)
- Condensed matter physics and Material Science (Institute of Solid State Research - TSU)

Looking ahead: Scenario I

Institutional level – 3 steps scheme:

- start-up exchange (Jülich)
 - Visits in Jülich up to 3 months
- WTZ-Project (Scientific-Technical Cooperation / BMBF)
 - 12 -18 months
 - travelling in both directions
 - Workshops
- Joint application by national-, international programme („project money“)

Looking ahead: Scenario II

Binational level:

- Back to discussion in September 2010 / DFG – GNSF
- Initiation of German-Georgian Programme on Basic Research
 - Exchange
 - Fellowships
 - Projects
- bmbf – Georgian Ministry of Science and Education ??

Looking ahead: Scenario II / Example

Helmholtz-CSC Fellowship Program for PhD and postdocs

Donators:

- Helmholtz Association, Helmholtz Centre
- CSC – China Scholarship Council

Funding:

- 1. Year – 100 % CSC (internship + travelling)
- Rest of time – 50/50 Helmholtz Centre and Helmholtz Association

Format:

- PhD in Germany (36 months + thesis defence)
- Sandwich PhD (6-24 months in Germany, thesis defence in China)
- Postdoc (6-24 months in Germany)

Looking ahead: Scenario III

Project idea – GGVIBS

Georgian-German Virtual Institute for the Basics Science

- Open Framework for Cooperation JÜLICH-GEORGIA
- Joint promotion of the idea on the both sides
- Implementation by the bmbf-call for developing countries ??
- Searching for finance together (mix-funding-structure??)

BMBF-Message

- Is interested in intensification of co-operation especially based on the joint calls
 - Current Highlight: Twinning Project for Implementation of Bologna-Process
- Ongoing calls:
 - May, 2010: Partnerships for Sustainable Research Solutions in Developing Countries and Countries in Transition
 - June, 2010: Support of scientific-technical cooperation and project-start-up in the Region Central Asia and South Caucasus

Counterpart in Georgia ??

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 - May, 20, 2010
 - June, 24, 2010

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German Research School for Simulation Sciences



- Joint foundation of **Forschungszentrums Jülich & RWTH Aachen** (JARA-SIM); budget 6M € annually
- Dedicated to advanced research and training in applications and methods of computer simulation in science and engineering
- Master students & PhD students (**Master and Doctorate in Simulation Sciences**)
- **Admission:** Students from all countries and disciplines
- Start of Master programme:
 - **Master- each winter semester**
 - **PhD – any time**

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More information at www.grs-sim.de



The screenshot shows the homepage of the German Research School for Simulation Sciences. At the top left is the school's logo and name. Navigation tabs for 'Studying', 'Teaching', and 'Living' are visible. A search bar is located in the top right. A central banner image shows a group of students gathered around a laptop. Below the banner are several content blocks: a left sidebar with navigation links (News, Research, Academic programs, About us, Open positions, Contact us); a login section with fields for 'Username' and 'Password' and a 'LOG IN' button; and three main content columns. The 'Doctoral Program' column mentions applications for the doctoral program. The 'Master's Program' column mentions the start of the Master's program. The 'Research' column describes research opportunities at Aachen and Jülich. The 'Events' column lists upcoming seminars and application deadlines for the Doctoral seminar, Master's course, and Doctoral program.

Jülich seen through the eyes of International PhD Students

- modern laboratory is available at all times
- Reasonable fellowship is given (1,400 €)
- English speaking professors and students
- materials and devices can be procured at short notice (workshop support)
- German language courses are free of charge
- seminars are held on a routine basis
- administrative support by the centre's Foreign Advisory Office
- you can start your PhD-project any time of the year





FINDING TOMORROW TODAY