DAAD Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Der DAAD – „Go East“ vergibt Stipendien für die Teilnahme an der

2nd Polish-German Summerschool

„Nanotechnologies in Materials Sciences“ Warsaw - Koszalin

der Technischen Universitäten in Warschau und Koszalin (Pommern)

30. Juli – 12. August 2007

Gefördert werden: 10 Studierende ingenieur- und naturwissenschaftlicher Fachrichtungen an deutschen Hochschulen. Voraussetzung: Deutsche Staatsangehörigkeit (bzw. Gleichstellung mit deutschen Staatsangehörigen nach §8 Abs. 1 Zif 2 und Abs 2 Bafög), abgeschlossenes Grundstudium

Zum Inhalt und Ablauf der Sommerschule: Neben 10 deutschen werden 10 polnische Studierende an der Sommerschule teilnehmen. Die erste Woche findet in Warschau, die zweite in Koszalin statt. Koszalin liegt in Pommern, 12 km von der Ostseeküste entfernt, so dass sich während der Sommerschule intensives Lernen mit einer sommerlichen Erholung verbinden lässt. Die Unterkunft erfolgt kostengünstig in Studentenwohnheimen (Doppelzimmer, Einzelzimmer gegen Aufschlag), die Mahlzeiten können kostengünstig in der Cafeteria der TU Warschau bzw. der TU Koszalin eingenommen werden. ***Siehe auch Programmbeschreibung!***

Bewerbung für die Teilnahme an der Sommerschule: bis **30. Juni** an der TU Warschau: Warsaw University of Technology (WUT) Centre for International Cooperation, Plac Politechniki 1, PL 00-661 Warszawa, Tel. 0048/22/2347185; Fax: 0048/22/2345777; E-mail: **cwm@cwm.pw.edu.pl** ***Siehe auch beigefügte Erläuterung!***

DAAD-Stipendium: 138 € für Unterkunft und Verpflegung. Eine gewisse Eigenbeteiligung ist einzuplanen. Reisekostenpauschale 325 €. Die Teilnahme an den Lehrveranstaltungen der Sommerschule ist kostenlos. **Achtung!!: Bewerbungen für ein DAAD-Stipendium**: schon bis zum **1. Juni 2007** an den DAAD, Referat Mittelosteuropa, „Go East“, Kennedyallee 50, 53175 Bonn. Informationen dazu erteilt: DAAD, Referat 323, Carolin Wax, Tel. 0228/882-494 bzw. E-mail Wax@daad.de

Bewerbungsunterlagen (bitte in **einfacher** Ausfertigung einreichen):

- DAAD-Bewerbungsformular für Deutsche (http://www.daad.de/ausland/download/05104.de.html)
- lückenloser tabellarischer Lebenslauf
- Begründung der Teilnahme am Kurs (mind. 1 Seite)
- Gutachten eines Hochschullehrers
- Bescheinigung der polnischen Hochschule über die Zulassung zur Sommerschule
- Beleg über Polnischkenntnisse (falls vorhanden)

Stand: 27.4.2007

2nd Polish-German Summer School
"Nanotechnologies in Materials Sciences"
Warsaw – Koszalin
30 of July – 12 of August 2007

Why NANOTECHNOLOGY?

Nanotechnology is a field of applied science and technology covering a broad range of topics. The main unifying theme is the control of matter on a scale smaller than 100 nanometers, as well as the fabrication of devices on this same length scale. It is a highly multidisciplinary field, drawing from fields such as colloidal science, device physics, and supramolecular chemistry. Much speculation exists as to what new science and technology might result from these lines of research. Some view nanotechnology as a marketing term that describes pre-existing lines of research applied to the submicron size scale.

The first mention of some of the distinguishing concepts in nanotechnology was in "There's Plenty of Room at the Bottom," a talk given by physicist Richard Feynman at an American Physical Society, 1959. Feynman described a process by which the ability to manipulate individual atoms and molecules might be developed, using one set of precise tools to build and operate another proportionally smaller set, so on down to the needed scale.

As nanotechnology is a very broad term, there are many disparate but sometimes overlapping subfields that could fall under its umbrella. The following avenues of research could be considered subfields of nanotechnology. Note that these categories are fairly nebulous and a single subfield may overlap many of them, especially as the field of nanotechnology continues to mature. Colloid science has given rise to many materials which may be useful in nanotechnology, such as carbon nanotubes and other fullerenes, and various nanoparticles and nanorods.

What is NANOTECHNOLOGY? What is only futurological dream, what sciences reality – you can find out during 2nd Polish-German Summer School organized by Warsaw University of Technology and Koszalin University of Technology.

About as

Warsaw University of Technology is a research intense, doctoral level academic institution focused on undergraduate and graduate programs almost exclusively in engineering and applied sciences. With over thirty thousand students served by over two thousand professors and instructors, Warsaw University of Technology is the largest and the highest ranking engineering university in Poland.

Koszalin University of Technology is the only one technical university in the region of Central Pomerania in Poland. It is located in a city of over 100.000 inhabi-

tants in an area of beautiful landscapes near the Baltic Sea, about 12 kilometers from the coast with its clean sandy beaches. This region is part of “the green lungs” of Poland. The University provides academic and technical education and is a leader in research in the disciplines generally connected with the region’s areas of development.

For who?

Summer School 2007 is was ed for student of technical universities from Poland and Germany. It’s an introduction to nanotechnologies – there are no minimum requirements regarding the academic year of study or course. It’s only your involvement and passion that is demanded.

Summer School is reserved for 10 participant from Poland and 10 from Germany.

Date

Polish – German Summer School 2007 will be held between 30th of July and 12th of August 2007. The first week (Jul 30 – Aug 05) will take place in Warsaw, the second (Aug 6-12) – in Koszalin.

Application

At an early date at our website (www.cwm.pw.edu.pl) you can find application / cv form. You are asked to provide a brief description of education affiliation, internships, achievements, languages, personal interest. With the application form please send a letter of recommendation from your supervisor.

Application must be submitted by 30 of June 2007 to Warsaw University of Technology – Centre for International Cooperation, Pl.Politechniki 1, 00-661 Warsaw.

Tutorials will be provided in English – therefore English at a minimum ‘good’ level is essential. However, any English certificates are not required.

Engagements

Tutorials – courses and workshops – will be providied by academics – Doctors and Professors – from Warsaw University of Technology (WUT) and Koszalin University of Technology (KUT). All lecturers are from following faculties: from WUT – Faculty of Materials Science and Engineering, Faculty of Chemistry, Faculty of Chemical and Process Engineering; from KUT – Mechanical Department.

We plan 5 hours of sciences engagements per day – from Monday to Friday (50 hours in total).

Full program of 2nd Polish – German Summer School - with sciences and cultural particulars will be submitted at our website till the end of March.

After School students receives adequate certificate.

In order to receive detail information, please contact WUT Centre for International Cooperation. Tel. +48 22 234 71 85, e-mail cwm@cwm.pw.edu.pl

Expenses

All courses at Polish-German Summer School are free!

Students cover only following costs:

- accommodation (Warsaw – students' hostel Riviera, 45zl/night /ca.10€/; Koszalin – Student Hostel, 21,40/night /ca.5€/);
- board (Warsaw – lunch + dinner 25zł/day /ca.6€/; Koszalin – FB – 20zł/day /ca.5€);
- railway ticket Warsaw – Koszalin (ca.40zł/10€);
- cultural costs (museums, trips, etc.) – ca. 20zł/day (5€).

All prices are approximate and can change!

Warsaw University of Technology

Center for International Cooperation

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