

Nanotechnology and Advanced Materials Workshop and Summer School

organized by CEITEC (Central European Institute of Technology) in Brno on June 22–26, 2015

Concept

The international summer school is planned for 5 days and offers to students and young researchers attractive lectures given by scientists from different universities as well as from industrial sector. The lectures will review the research activities and current trends and knowledge in the fields of Nanotechnology and Advanced Materials. The discussion at round tables will support the international cooperation within research and development and promote the transfer of novel ideas into project proposals. A demonstration tour in the laboratory facilities for developing and characterizing nanoscale materials and presentation of state-of-the-art techniques in advanced material fabrication will be included to enhance the new research opportunities for students and teachers.

The aim of the workshop is also to initiate international student exchange and co-guidance of PhD students resulting in sustainable and long-term collaboration.

Start: Monday, 22 June 2015, 13:00

Closing: Tuesday, 26 June 2015, 12:00

Place: South Moravian Innovation Centre (JIC), Purkyňova 649/127, Brno – Medlánky 612 00

Program

Monday, 22nd of June

12:30	Registration
13:00	Welcome speech
13:30	Short presentations of scientists on their research focus and project proposals (15 minutes each): <i>Titania based nanostructured surfaces with enhanced photocatalytic activity</i> Dr. Jana Drbohlavova Brno University of Technology, Research Group “Smart Nanodevices” at CEITEC <i>Graphene based supercapacitors</i> PhD Rajneesh Mohan Brno University of Technology, Research Group “Smart Nanodevices” at CEITEC Prof. Dr. Werner Frammelsberger Deggendorf Institute of Technology, Research Group Micro- and Nanoanalytics to be continued (version from 15 th of May 2015)
15:00	<i>Coffee break</i>
15:30	Funding possibilities for nanotechnology and advanced materials
16:30	Short presentations of scientists on their research focus and project proposals (15 minutes each)
18:00	End of the program
evening	Common dinner, time for individual talks and discussions on possible cooperation

Tuesday, 23rd of June

09:00	Round tables on cooperation in different fields of nanotechnology and advanced materials (in parallel) following the Research Groups at CEITEC as <ul style="list-style-type: none">▪ Fabrication and Characterization of Nanomaterials▪ Advanced Ceramic Materials, Polymers and Composites▪ Plasma Technologies▪ Further suggestions by the participants...
10:30	<i>Coffee break</i>
11:00	Continuation of the round tables
12:00	<i>Lunch</i>
	Lab tour for researchers
	Place: CEITEC, Brno University of Technology, Technická 3058/10, Brno
16:00	End of the second day

Wednesday, 24th of June

9:00	Lab tour for students
10:30	<i>Coffee break</i>
11:00	Lab tour for students
12:30	<i>Lunch</i>
13:30	Lab tour for students
16:00	End of the third day
evening	Common dinner, time for individual talks and discussions on possible cooperation

Thursday, 25th of June

9:00	Interactive teaching lectures in nanotechnology and advanced materials
10:30	<i>Coffee break</i>
11:00	Interactive teaching lectures in nanotechnology and advanced materials
12:30	<i>Lunch</i>
13:30	Poster session for PhD students with 5 min presentation of their topic
16:00	End of the program
evening	Common dinner, time for individual talks and discussions on possible cooperation

Friday, 26th of June

9:00	Interactive teaching lectures in nanotechnology and advanced materials
10:30	Coffee break
11:00	Interactive teaching lectures in nanotechnology and advanced materials
12:30	End of the program

Desirable outcome of the workshop

The summer school/workshop aims at training of young researchers and post-doc fellows for new scientific team and centers supported by mutual exchange internships and strengthening further collaboration at the level of new international projects (within EU as well as non-EU) together with participation of interested companies.

Therefore, a desirable outcome is an application of new research projects proposals in the field of nanotechnology and advanced materials within EEA and Norway grants as well as Horizon 2020.

The newly established contacts shall be kept up as an open network with regular email-communication on future projects and events.

Enjoy Brno – the heart of South Moravia and the capital of the region!

More information: www.gotobrna.cz

Partners of the Workshop and Summer school

