University of Szeged - UNS Faculty of Science Novi Sad

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Good neighbours creating common future
Dobri susedi zajedno stvaraju budućnost

Teaching Mathematics and Statistics in Sciences HU-SRB/0901/221/088

Mathematics and Computer-Aided Modeling in Sciences

Call for participation on intensive school

A very important basis of intellectual and economic development is the improvement of creativity, problem solving abilities and applicable scientific knowledge. An essential element of them is the effective use of computational tools and methods both in research and at any level of teaching.

Within the IPA program supported by the European Union, we develop joint educational programmes at the University of Szeged and University of Novi Sad. Two intensive schools are being organised in the Spring of 2011, in both Szeged and Novi Sad (3 days, 24 teaching hours in each). It is possible to register for only one of them, but we recommend taking part on both.

The planned time of the schools:

Szeged: 2011.05.19-2011-05.21 (Thursday-Saturday)

Novi Sad: 2011.05.27-2011.05.29 (Friday-Sunday)

Who are welcome?

We welcome PhD students, researchers, high school teachers and academics from both sides of the border who work in mathematics, physics or other sciences. Talented undergraduate students may also apply with the recommendation of their supervisors.

Language

In Szeged: Hungarian and English, in Novi Sad: Serbian and English.

Participating conditions

- Participation is free, participants will receive course materials on DVD.
- We have limited possibilities to support accommodation in student hostels. Participants from the other side of the border and participants invited by their results on competitions are of high priority. Travel costs are covered by the participants.
- We ask the participants to give seminar at their workplaces or schools for their colleagues and/or students from the subjects they studied on the courses. A report should be prepared from this presentation, illustrated with photographs, which will appear on the website of the project.

Programme of the schools

The courses will concern interesting applications, modeling problems and tools in several areas of sciences in such a way that it will be enjoyable also for non-mathematicians as well.

The participants will learn some parts of the following fields: computer-based mathematical applications; computer-aided studies of physical, and biological-chemical models, geometrical structures; digital geography, statistical data analysis; signal processing and computer-aided

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measuring techniques. For participating teachers, we emphasize the didactic aspects of these techniques. The schools in Szeged and Novi Sad are independent, but they well complement each other. The courses will be held in computer rooms. The participants will study the topics via practical examples.

Information, WWW:

Szeged: http://www.model.u-szeged.hu

Novi Sad: http://sites.dmi.rs/projects/IPA/

Contact

Szeged:

János Karsai Ph.D, Associate Professor, project manager, karsai@dmi.u-szeged.hu

Eszter K. Horváth PhD, Assistant Professor, coordinator, horeszt@math.u-szeged.hu

Novi Sad:

Arpad Takači Ph.D, Professor, project manager*takaci@dmi.uns.ac.rs*

Szeged, Novi Sad, 23 February, 2011

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Dr. János Karsai

Associate Professor

University of Szeged,

Department of Medical Physics and Medical Informatics

Dr. Arpad Takači Professor

University of Novi Sad

Faculty of Sciences

Department of Mathematics and Informatics

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