

IPA Cross-border Co-operation Programme HU-SRB HUSRB/0901/121/008

Non-Standard Forms of Teaching Mathematics and Physics: Experimental and Modeling Approach

2013 - 2015

University of Szeged

Bolyai Institute, Department of Medical Physics and Medical Informatics

University of Novi Sad, Faculty of Sciences

Department of Mathematics and Informatics

Department of Physics

Objectives

- Non-standard forms, modeling, and explorations in teaching Math and Physics
- Popularization of sciences among young generation
- Strengthening the educational cooperation
- Internationalizing our results
- Involving students in the cooperation

Activities

- Teaching developments in Mathematics and Physics
- Student exchange
- Project workshops, team trainings
- Information and publicity
- Conferences, schools, trainings, open days, “Meet the professor”

Events

Mathematics everywhere: Art Contest and Exhibition, Szeged, March – December, 2014

International Courses

- Computer tools for dynamic systems: Mathematica, June 9 – 12, 2014
- Mathematical biology, Szeged, August 4 – 6, 2014
- Dynamic and mobile tools in math education, Szeged, September, 2014
- Numerical methods for dynamic systems: MatLab, Novi Sad, Fall, 2014
- Didactic approach to computer environment of teaching and learning, Novi Sad, March, 2015

Winter School (3-3 days in Szeged and Novi Sad), Jan.-Feb., 2015

Conferences

- Modeling in Life Sciences, Szeged, November, 2014
- Pannonian Modeling Conference, Novi Sad, April, 2015

... And many more interesting programs ... on our web portals:

www.model.u-szeged.hu

www.dmi.uns.ac.rs/ipa



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