21st International Olympiad in Informatics

8-15 August 2009

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Conference schedule

3rd IOI Conference August 10 and 12, 2009

This is the third OLYMPIADS IN INFORMATICS conference organized during the IOI Plovdiv, Bulgaria.

In this year, when IOI celebrates its 20 years anniversary, we should think back over the years. Think of the thousands of students who have been given the wonderful opportunity of attending an IOI, and of the hundreds of thousands (if not more) who have been touched across the world by national endeavours. The national olympiads do not exist in isolation, and the papers being presented in the conference show how similar problems arise in different environments. Papers of this conference concentrate on task development and grading.

All papers are published in OLYMPIADS IN INFORMATICS journal.

See website: http://www.mii.lt/olympiads_in_informatics/contents.htm

PRESENTATIONS:

10 August, 2009

10:00 - 10:30	Opening
10:30 - 11:00	**Michal Forišek** (Slovakia). Using item response theory to rate (not only) programmers
11:00 - 11:30	**Abdulrahman Idlbi** (Syria). Taking kids into programming (contests) with Scratch
11:30 - 11:45	**Martin Mareš** (Czech Republic). Moe - design of a modular grading system
11-45 - 12:00	*Coffee break*
12:00 - 12:30	**Emil Kelevedjiev**, Zornitsa Dzhenkova (Bulgaria). Tasks and training intermediate age students for informatics competitions
12:30 - 13:00	**Rob Kolstad** (USA). Infrastructure for contest task development
13:00 - 13:15	**Bruce Merry** (United Kingdom). Using a Linux security module for contest security
13:15 - 13:30	**Ilia Ninka** (Albania). The role of reactive and game tasks in competitions

12 August, 2009

10:00 - 10:30	**Mārtiņš Opmanis** (Latvia). Team competition in mathematics and informatics "Ugāle" - finding new task types
10:30 - 11:00	Timo Poranen (Finland), Valentina Dagiene (Lithuania), Asmund Eldhuset (Norway), Heikki Hyyro (Finland), Marcin Kubica (Poland), Antti Laaksonen (Finland), Martins Opmanis (Latvia), Wolfgang Pohl (Germany), Jurate Skupiene (Lithuania), Par Soderhjelm (Sweden), **Ahto Truu** (Estonia). Baltic Olympiads in Informatics: Challenges for Training Together
11:00 - 11:30	**Pedro Ribeiro**, Pedro Guerreiro (Portugal). Improving the automatic evaluation of problem solutions in programming contests
11:30 - 11:45	**Pavel S. Pankov** (Kyrgystan), Kirill A. Baryshnikov (United Arab Emirates). Representational means for tasks in Informatics
11:45 - 12:00	*Coffee break*
12:00 - 12:15	**Willem van der Vegt** (The Netherlands). Using subtasks
12:15 - 12:30	Biserka Yovcheva, **Galina Momcheva**, Petar Petrov (Bulgaria). jBOI - one more possibility for increasing the number of competitors in Informatics
12:30 - 12:45	**Sava Grozdev** (Bulgaria). Methodology and Information Technologies in Education - Bulgarian-Russian Project
12:45 - 13:00	**Tom Verhoeff** (The Netherlands). 20 Years of IOI competition tasks (presented by Kim Schrijvers)
13:00 - 13:30	Discussion