This is the fourth OLYMPIADS IN INFORMATICS conference organized during the IOI in Waterloo, Canada.

All papers are published in OLYMPIADS IN INFORMATICS journal. See website: http://www.mii.lt/olympiads_in_informatics/contents.htm

PRESENTATIONS

16 August, 2010
10.00-10.15 Opening
10.15-10.45 Benjamin A. Burton (Australia). Encouraging algorithmic thinking without a computer
10.45-11.15 Marcin Kubica, Jakub Radoszewski (Poland). Algorithms without programming
11.15-11.45 Marina Tsvetkova (Russia). The Olympiad in Informatics as a part of the state program of school informatization in Russia
11.45-12.15 Coffee break
12.15-12.30 Vladimir M. Kiryukhin (Russia). Influence of the State School Education Standard on results of performance of the Russian pupils on the IOI
12.30-13.00 Vladimir M. Kiryukhin, Marina Tsvetkova (Russia). Strategy of IT skills teachers and Olympiad Informatics coaches development
13.00-13.15 David Ginat, Ela Zur, Tamar Benaya (Israel). International Olympiads in Informatics – Israeli team selection and training
13.15-13.30 Pavel S. Pankov (Kyrgyzstan). Real processes as sources for tasks in Informatics

18 August, 2010
10.00-10.30 Tom Verhoeoff (The Netherlands). An enticing environment for programming
10.30-10.45 Krassimir Manev, Biserka Yovcheva, Milko Yankov, Peter Perov (Bulgaria). Testing of programs with random generated test cases
10.45-11.00 Bruce Merry (UK) Performance analysis of sandboxes for reactive tasks
11.00-11.30 Hong Wang, Baolin Yin, Rujia Liu, Wenbin Tang, Weidong Hu (China). Selection mechanism and task creation of Chinese National Olympiad in Informatics
11.30-11.45 Brian Marshal, Ilham W. Kurnia (Indonesia). Indonesian Olympiad in Informatics
11.45-12.15 Coffee break
12.15-12.30 Tocho Tochev, Tsvetan Bogdanov (Bulgaria). Validating the security and stability of the grader for a programming contest system
12.30-12.45 Wolfgang Pohl, et. all. About IOI workshop in Dagstuhl, 16-19 May 2010
12.45-13.30 Discussion