



IOI 2018 JAPAN
TSUKUBA, IBARAKI

12th IOI Conference

Monday, September 3, 2018

Agenda

OLYMPIADS IN INFORMATICS website: http://ioinformatics.org/oi_index.shtml

- 09.05-09.10** **Valentina Dagiene**. Opening. 12th year of IOI conference.
- 09.10-10.20** **Tim Bell**. Computer Science in K-12 Education: The Big Picture.
- 10.20-10.40** **Hiroki Manabe**, Seiichi Tani, Susumu Kanemune, Yoshiki Manabe. Creating the Original Bebras Tasks by High School Students.
- 10.40-11.00** **Willem van der Vegt**. How Hard Will this Task Be? Developments in Analyzing and Predicting Question Difficulty in the Bebras Challenge
- 11.00-11.20** *Coffee break*
- 11.20-11.40** Yasuichi Nakayama , Yoshiki Nakano, Yasushi Kuno, **Ben Tsutom Wada**, Hiroyasu Kakuda, Masami Hagiya, Katsuhiko Kakehi. Current Situation of Teachers of Informatics at High Schools in Japan.
- 11.40-12.00** **Matt Fontaine**. Tidal Flow: A Fast and Teachable Maximum Flow Algorithm.
- 12.00-12.20** **Mile Jovanov**, Marija Mihova, Bojan Kostadinov, Emil Stankov. New Approach for Comparison of Countries' Achievements in Science Olympiads.
- 12.20-12.40** Bojan Kostadinov, Mile Jovanov, **Emil Stankov**. Platform for Analysing and Encouraging Student Activity on Contest and E-learning Systems.
- 12.40-13.00** **Nadia Amaroli**, **Giorgio Audrito**, Liugi Laura. Fostering Informatics Education through Teams Olympiad.
- 13.00-13.15** **Michal Anderle**. PRASK – an Algorithmic Competition for Middle Schoolers in Slovakia.
- 13.15-13.30** **Pavel S. Pankov**, Azret A. Kenzhaliev. Combinatorial Property of Sets of Boxes in Multidimensional Euclidean Spaces and Theorems in Olympiad Tasks
- 13.30-13.45** Marina Tsvetkova, Vladimir Kiryukhin. International School in Informatics “Junior” for IOI Training. Presented by **Krassimir Manev**.
- 13.45-14.00** **David Ginat**. Algorithmic Cognition and Pencil-Paper Tasks.
- 14.00-14.05** Closing.