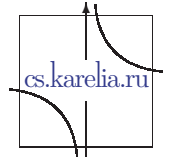




Ежегодный международный научный семинар

Vuosittainen kansainvälinen seminaari

Annual International Workshop



AMICT'2012

Передовые методы
информационных и коммуникационных технологий
Tieto- ja viestintätekniiikan edistyksellisiä menetelmiä
Advances in Methods of Information and Communication Technology

Program of the Workshop

May 15, The Main Building of PetrSU (aud. 149)

Registration. **9:00–9:50** (room 215) a

Opening. **10:00–10:15**.

- Rector of Petrozavodsk State University, Doctor of technical sciences, Professor Anatoly V. Voronin;
- Professor Jussi Kangasharju, Department of Computer Science, University of Helsinki;
- Head of the Department of Computer Science, Dr. Yury A. Bogoyavlensky, Petrozavodsk State University.

Session 1. Chair Prof. Jussi Kangasharju,

1. 10:15–11:00 *Apprenticeship-based programming education for everyone!* A. Vihavainen, Dr. M. Luukkainen and Dr. J. Kurhila (University of Helsinki, Finland).

11:00–11:25 Coffee break.

2. 11:25–11:55 *Guiding master's students in scientific writing* PhLic. T. Niklander (University of Helsinki, Finland).

3. 11:55–12:15 *Regenerative approach for effective bandwidth simulation.* Dr. A. Borodina (IAMR KarSC RAS, Petrozavodsk, Russia).

4. 12:15–12:35 *Proactive Personalized Mobile Mutli-Blogging Service on Smart-M3.* I. Galov (Petrozavodsk State University, Russia).

12:35–13:30 Lunch.

Session 2. Chair Prof. Jussi Kangasharju,

5. 13:30–14:00 *Redescription Mining: Problem, Algorithm and Applications.* E. Galbrun, Dr. P. Miettinen (Helsinki Institute for Information Technology, Finland).

6. 14:00–14:20 *Counting k-gons in Finite Projective Planes* A. Voropaev (Petrozavodsk State University, Russia).

7. 14:20–14:40 *SmartSlog knowledge patterns: initial experimental performance evaluation.* P. Vanag, Dr. D. Korzun (Petrozavodsk State University, Russia).

14:40–15:05 Coffee break.

15:15 CBU school continues

Banquet. **18:00**.

Session 3. Chair PhLic. Tiina Niklander,

8. **10:00–10:20** *Evaluation of the connectivity constant for the number of Hamiltonian circuits on triangular grid graphs.* A. Karavaev (Petrozavodsk State University, Russia).
9. **10:20–10:40** *Alternative estimators of blocking probability in retrial queuing system.* R. Nekrasova (IAMR KarSC RAS, Petrozavodsk, Russia).
10. **10:40–11:00** *Verification of the stability region of the workload process in a single-wavelength optical buffer.* Dr. E. Morozov (IAMR KarSC RAS, Petrozavodsk, Russia), L. Potakhina (Petrozavodsk State University, Russia).

11:00–11:25 Coffee break.

11. **11:25–11:45** *Comparison results of arithmetic coders in ECG compression algorithms based on wavelet transform.* A. Borodin, Yu. Zavyalova (Petrozavodsk State University, Russia).
12. **11:45–12:05** *Simulation business intelligence problems using the decision support system based on a system dynamic modelling.* I. Semenov (Petrozavodsk State University, Russia).
13. **12:05–12:25** *Application for Identified Fires Notification,* I. Sofronova, A. Timonin, A. Kalinin, A. Troshkov, A. Borodin, K. Kulakov, (Petrozavodsk State University, Russia).

Closing the Seminar. **12:25–12:35**