



Ежегодный международный научный семинар

Vuosittainen kansainvälinen seminaari

Annual International Workshop



AMICT'2014

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

Program of the Workshop

October 21, The Main Building of PetrSU

Registration. 9:00–9:50 (room 215)

Opening. 10:00–10:30. (room 223)

- Rector of Petrozavodsk State University,
Doctor of technical sciences, Professor
Anatoly V. Voronin;
- President of Petrozavodsk State University,
Doctor of technical sciences, Professor
Victor N. Vasiliev

Session 1. (room 223) Chair Dr. Iouri A. Bogoiavlenskii

1. 10:30–11:20 *Effects of Cooperation Policy and Network Topology on Performance of In-Network Caching* Prof. J. Kangasharju (University of Helsinki, Finland).
2. 11:20–11:40 *Current degree structure in Computer Science at University of Helsinki from bachelor studies to doctoral studies* PhLic. T. Niklander (University of Helsinki, Finland).
- 11:40–12:10 Coffee break.
3. 12:10–13:00 *Fundamentals of Software Architecture* PhD. A.-P. Tuovinen (University of Helsinki, Finland).
4. 13:00–13:30 *Fault Tolerance Support of a Smart M3 Application on the Software Infrastructure Level* MSc. I. Galov (presenter), Dr. D. Korzun (Petrozavodsk State University, Russia).

13:30–14:30 Lunch.

Session 2. (room 223) Chair PhLic. Tiina Niklander

5. 14:30–15:20 *Analysis of Mobile Opportunistic Networks using All Hops Optimal Paths* Prof. J. Kangasharju (presenter) (University of Helsinki, Finland).
6. 15:20–15:55 *Standard deviation of Networking Congestion Avoidance Algorithms* Dr. O. Bogoiavlenskaia (Petrozavodsk State University, Russia).
- 16:00–16:30 Coffee break.
7. 16:30–17:10 *Automation of an Enterprise Network's ICT-Infrastructure Link Layer Graph Construction* A. Andreev (presenter), MSc A. Kolosov, Dr. I. Bogoiavlenskii (Petrozavodsk State University, Russia)

Social event 18:30

October 22, The Main Building of PetrSU.

Session 3. (room 221) Chair Prof. Jussi Kangasharju

1. 10:00–10:40 ***Modeling Data Flows Hierarchy of an Enterprise Network's ICT Infrastructure***

MSc A. Kolosov (Petrozavodsk State University, Russia).

2. 10:40–11:10 ***Simulation Results of Backoff Protocol with Poisson-distributed Counter Selection.***

MSc. A. Borodin (Petrozavodsk State University, Russia)

11:10–11:40 Coffee break.

3. 11:40–12:10 ***Mobile Client Control of Notification Check Interval for Subscription in Smart Space***

BSc A. Vlovenko (presenter), Dr. D. Korzun (Petrozavodsk State University, Russia).

4. 12:10–12:40 ***User Presence Detection in Smartroom Based on Tracking the Network Activity***

BSc. S. Marchenkov (presenter), Dr. D. Korzun (Petrozavodsk State University, Russia).

5. 12:40–13:00 ***Developing an information and analytical system for carrying out expertise involving geographically dispersed multi-language groups of experts***

PhD. I. Semenov (presenter), PhD. G. Sigovtsev (Petrozavodsk State University, Russia).

13:00–14:00 Lunch.

6. 14:00–15:00 ***Round table.*** (continues) Networking and Services. Master Degree programm.

7. 15:00–15:10 Closing of the seminar.

Excursion to Karelian museums
