

# AMICT 2010 - Program of the Workshop

May 25, The Main Building of PetrSU (aud. 221)

Registration. 9:00-9:50 (room 215)

Opening. 10:00-10:15

- Rector, Professor, Doctor of Technical Sciences, Voronin Anatoly Viktorovich;
- 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. 10:15-10:55

***Understanding Users***

Prof. Jussi Kangasharju (University of Helsinki, Finland).

11:00-11:25

Coffee break.

2. 11:30-12:00

***Typewritten symbols recognition using Genetic Programming***

Prof. Igor L. Bratchikov, Alexey A. Popov (Saint-Petersburg state university, St.Peterburg, Russia)

3. 12:05-12:30

***An Algebraic Approach to Scheduling Problems in Project Management***

Dr. Nikolai Krivulin (St. Petersburg State University, St. Petersburg, Russia)

4. 12:35-12:55

***Observing real world on Twitter***

Ossi Karkulahti (University of Helsinki, Finland)

13:00-14:00

Lunch.

## Session 2

Chair Prof. Jussi Kangasharju,

5. 14:05-14:55

***Publish/Subscribe Internet Routing Paradigm (PSIRP) - Concrete Results of the Project***

Prof. Arto Karila (Helsinki Institute for Information Technology HIIT, Finland)

6. 15:00-15:15

***The optimal implementation of  $n$  FIFO-queues in single-level memory***

Prof. Andrey V. Sokolov (IAMR KarSC RAS, Petrozavodsk, Russia), Andrey V. Drac (Petrozavodsk State University, Petrozavodsk, Russia)

7. 15:20-15:35

***Regenerative simulation of the overflow probability in the finite buffer queue with Brownian input***

Prof. Evsey V. Morozov, Ruslana S. Goricheva, Oleg V. Lukashenko (IAMR KarSC RAS, Petrozavodsk, Russia), Prof. Michele Pagano (University of Pisa, Pisa Italy)

8. 15:40-15:55

***Moment properties and long-range dependence of queueing processes***

Prof. Evsey V. Morozov, Alexander S. Rumyantsev (IAMR KarSC RAS, Petrozavodsk, Russia)

16:00-16:25

Coffee break.

9. 16:30-16:50

***Running Servers around Zero Degrees***

Prof. Jussi Kangasharju (University of Helsinki, Finland), Mikko Pervilä (University of Helsinki, Finland)

***Poster paper: Review Algorithms of Automatic Physical Topology Discovery***

Elkin Mikhail, Dr. Yury A. Bogoyavlenskiy (Petrozavodsk State University, Russia)

17:10-17:55

Open Discussions

18:00

Banquet

# May 26, The Main Building of PetrSU (aud. 221)

## Session 3

Chair Dr. Dmitry G. Korzun,

**10. 10:00-10:40**

### ***Software Factory***

Matti Paksula (University of Helsinki, Finland)

**Demo: Introduction to store data in Redis, a persistent and fast key-value database.**

**11. 10:45-10:55**

### ***PetrSU-Nokia-NSN Laboratory on wireless and mobile technology ( Part I )***

Dr. Yury A. Bogoyavlenskiy, Dr. Dmitry G. Korzun, Dr. Kirill A. Kulakov, Vadiv A. Ponomarev  
(Petrozavodsk State University, Russia)

**11:00-11:25**

Coffee break.

**11:30-12:55**

### ***PetrSU-Nokia-NSN Laboratory on wireless and mobile technology ( Part II, demo )***

- **MySocials**: A Maemo Client for the VKontakte Social Network Service.
- **QMF plugin** to Vkontakte service
- **Kimi**: A Personal Organizer in the Internet Event Space
- **Scribo**: A Livejournal Client for the Maemo 5 Platform
- **MobileTrade**: A Maemo Client to Trading/Auction Web Services.
- **SmartSlog**: An ANSI C Ontology Library Generator for the Smart-M3 Platform
- **M3-Weather**: A Simple Forecast Widget for Mobile Users
- Sensor-based funny Graphics.

## Closing the Seminar.

**13:00-14:00**

Lunch.