

ECBS-EERC 2013 Program

Thursday, August 29

08:00-08:45 Registration

08:45-09:00 Opening

09:00-10:00 Keynote

Frank H. P. Fitzek: [Network Coding and Cooperative Communication](#)

10:00-10:30 Coffee Break

10:30-12:30 Architectures & Embedded Systems

Chair: Miroslav Popovic

- [An on-line and off-line pipeline-based architecture of the system for gaps and outlier detection in energy data streams](#)
Maxim Shcherbakov, Yuri Timofeev, Alexander Saprykin, Vyacheslav Trushin, Anton Tyukov, Nataliya Shcherbakova and Valeriy Kamaev
- [Agent-oriented Approach to Support Multidisciplinary Care Decisions](#)
Liang Xiao, John Fox and Hong Zhu
- [A Run-time Library for Parallel Processing on a Multicore DSP](#)
Nenad Cetic, Miroslav Popovic, Miodrag Djukic and Momcilo Krunic
- [A Retargetable C Compiler for Embedded Systems](#)
Ivan Povazan, Miodrag Djukic, Nenad Cetic and Miroslav Popovic

12:30-13:30 Lunch

13:30-15:30 Distributed System Design

Chair: Jiri Safarik

- [Maintaining Cache Consistency for Mobile Clients in Distributed File System](#)
Pavel Bžoch and Jiri Safarik
- [Towards a Visual Sensor Network Built from Smartphones](#)
Kristóf Csorba, Dávid Szalóki and Norbert Koszó
- [Predicting Availability of Mobile Peers in Large Peer-to-Peer Networks](#)
Márton Ákos Sipos and Péter Ekler

- [Meeting arrangement based on patterns of movement](#)
Marcell Feher and Bertalan Forstner

15:30-16:00 Coffee Break

16:00-17:30 Modeling and Analysis of Complex Systems

Chair: Wilhelm Rossak

- [Development of a Novel Semantic-based System Integration Framework](#)
András Bánhalmi, Dénes Paczolay, Adam Zoltan Vegh, Gábor Antal and Vilmos Bilicki
- [Tracing interdependencies between architecture and organization in expandable goal-models](#)
Johannes Meissner, Frederik Schulz and Wilhelm Rossak
- [Estimating the Cost of XML Serialization of Java Objects](#)
Gábor Imre, Hassan Charaf and László Lengyel

17:30-18:00 SC and PC Meeting

18:00-19:30 City Tour with Bus and Guide, starting from the conference venue.

19:30-20:00 Arriving with the bus to the wine tasting party, with an opportunity to buy from a selection of famous Hungarian wines.

20:00 Arriving to the conference dinner, with authentic folk program and more. The bus leaves back for the Professor's Guest House Hotel and the Venue around midnight.

Friday, August 30

09:00-10:00 Keynote

Tommi Mikkonen: [Towards Collaborative Coding - Experiences, Guidelines, and the Road Ahead](#)

10:00-10:30 Coffee Break

10:30-12:30 Doctoral Session

Chair: Péter Ekler

- [The Analysis of BitTorrent Protocol Reliability in Modern Mobile Environment](#)
András Bori and Péter Ekler

- [Data Type Propagation in Simulink Models with Graph Transformation](#)
Péter Fehér, Tamás Mészáros, Pieter Mosterman and László Lengyel
- [Aspects of Intermediate Level Obfuscation](#)
Dmitriy Dunaev and László Lengyel
- [Learning Classifier System Improvement Based on Probability Driven and Neural Network Driven Approaches](#)
Ladislav Clementis

12:30-13:30 Lunch

13:30-14:00 Industrial Session

Chair: Hassan Charaf

- [Test-case Creation Framework for Touchscreen-based Device Testing](#)
Ivan Kastelan, Vukota Pekovic, Branislav Kordic and Nikola Teslic
- [Selection and Prioritization of Test Cases by Combining White-Box and Black-Box Testing Methods](#)
Sandra Kukolj, Vladimir Marinković, Bognár Szabolcs and Miroslav Popović
- [Parallel Processing of Multichannel Video Based on Multicore Architecture](#)
Branislav Kordic, Vladimir Marinkovic, Miroslav Popovic and Vukota Pekovic

14:00-15:00 Poster Session (coffee served during the session)

- [On the Evaluation of Clock Synchronization Methods for Networked Control Systems](#)
Jan Pacner, Ondrej Rysavy and Miroslav Sveda.
- [Reactive distributed system modeling supported by Complex Event Processing](#)
Jan Lang and Ján Janík
- [The Summary of Indoor Navigation Possibilities Considering Mobile Environment](#)
László Kundra and Péter Ekler

15:00-17:00 Pattern Recognition / Education & Training

Chair: Ondrej Rysavy

- [Matching Matchings](#)
Gábor Bacsó, Anita Keszler and Zsolt Tuza

- [Layer Based Approach of Corner Detection and Classification in Quantized Range Images](#)
Viktor Kovács and Gábor Tevesz
- [Platform for Creating Collaborative E-learning Communities based on Automated Composition of Learning Groups](#)
Maria-Iuliana Dascalu, Constanta-Nicoleta Bodea and Alexandru Burlacu
- [Methodology of Teaching Software Development : Game-based Learning Cycle](#)
Olga Shabalina and Natalia Sadovnikova

17:00-18:00 [Farewell Snack](#)