

International Workshop on Applications in Information Technology



Aizu-Wakamatsu, Japan October 8 – 10, 2015

Hosted by
The University of Aizu, Japan

In Cooperation with
St. Petersburg State University, Russia
Peter the Great St. Petersburg Polytechnic University, Russia



ST. PETERSBURG VIDEOCONFERENCE SESSION PROGRAM

(IWAIT-2015 • Session 3 • October 8 • 9:00 – 14:00)

Peter the Great St. Petersburg Polytechnic University
Institute of Computer Science and Technology
2015

Session 3 • October 8 • 9:00 – 14:00 (Moscow Time)



Room **9 -121** **St. Petersburg Polytechnic University**

Session Chairs **Vitaly KLYUEV (Aizu)**

Evgeny PYSHKIN (St. Petersburg)

Session Agenda (Moscow Time)

9:00 – 9:30	Registration (St. Petersburg)
9:30 – 10:00	Paper presentations
10:00 – 10:15	Official Opening Ceremony
	Greeting from the President of the University of Aizu
	Welcome from the Institute of Computer Science and Technology
10:15 – 13:00	Paper presentations (Aizu-Wakamatsu)
13:00 – 14:00	Japanese Tea Tasting (St. Petersburg)

Session Information

The session 3 is organized as a distance Skype-based session for presentations of the research papers by the authors from St. Petersburg (Russia) and from Ulm (Germany) who aren't visiting the conference site at the University of Aizu in person.

Oral presentations (shown bolded in the program description) are being made by the authors via Skype communication with transferring their presentation files to the conference site in advance (please contact your session chair for this).

Virtual presentations mean that the authors are able to transfer the presentation files to the conference site without appearance in person during oral presentation session.

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List of Presentations

Constraining Operation Delay for Dynamic Power Optimization of Asynchronous Circuits <i>Shunya Hosaka, Hiroshi Saito</i>	Aizu-Wakamatsu
A Consideration of Query Improvement to the SMOKA Astronomical Archive System <i>Yilang Wu, Wanming Chu, Subhash Bhalla</i>	Aizu-Wakamatsu
Entity Resolution using Co-occurrence Graph and Continuous Learning <i>Anoop Kumar Pandey, Srinath Srinivasa</i>	Aizu-Wakamatsu
Automated Leisure Walk Route Generation for an Interactive Travel Planner <i>Boris Skripal, Evgeny Pyshkin</i>	St. Petersburg
Visualization of Execution Paths for Concurrent Programs <i>Andrei Eleshevich, Marat Akhin</i>	St. Petersburg
Design of Automatic Speech Emotion Recognition System <i>Elena Dmitrieva, Kirill Nikitin</i>	St. Petersburg
Developing a Mobile Application for Wine Amateurs <i>Anton Kiselev, Andrey Kuznetsov</i>	St. Petersburg
Using Dynamic Predicate Logic for Pronominal Anaphora Resolution in Russian Texts <i>Nikita Gerasimov, Evgeny Pyshkin</i>	St. Petersburg

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OD-Matrix Estimation for Urban Traffic Area Control <i>Anastasiya Raevskaya, Alexander Krylatov</i>	St. Petersburg
A Program Complex for Learning of Optimal Control Problems <i>Andrey Klyuenkov</i>	St. Petersburg
Modeling Technical Systems with smartIflow for Safety Related Tasks <i>Philipp Hönig, Rüdiger Lunde, Florian Holzappel</i>	Ulm
Hierarchical Clustering of Large Text Datasets Using Locality-Sensitive Hashing <i>Vasilii Korelin, Ivan Blekanov</i>	St. Petersburg
Compact Algorithm of Extrema Count in the Interference Measurement of Transparent Film's Thickness <i>Alexander V. Boldyrev, Igor V. Gonchar, Alexey S. Ivanov, Alexander B. Fedortsov</i>	St. Petersburg
Fragments Video Protection Mechanism for Video on Demand Server <i>Aleksandr N. Matlash, Sergey Y. Sevryukov</i>	St. Petersburg
The Time Synchronization Model for Sensors and Reference-Transponders for the Aircraft Navigation System <i>Dmitry Novopashin</i>	St. Petersburg
3D Automated Anatomically Correct Face Reconstruction: Facial Feature Points Positioning and Motion Analysis <i>Iurii Dorofeev, Mikhail Glukhikh</i>	St. Petersburg