

Huawei Second Algorithm Workshop

Saint-Petersburg, June 19, 2017

Hotel "Moscow"

9:00-9:30	Registration			
9:30-9:35	Workshop Introduction <i>Vladimir Ivanov</i>			
9:35-9:45	Welcome Speech <i>President of Moscow Research Center, Robbin Lv</i>			
9:45-10:00	Wireless Network: Presence and Future <i>Vice-President Wireless R&D Department, Radio Platform Development Unit, Li Zhoujian</i>			
10:00-10:15	Huawei: R&D and Cooperation Synergy <i>ERI Cooperation Director, Walter Weigel</i>			
Panel Sessions				
	Optimization & AI <i>Chairman - Dmitri Shmelkin</i>	New Algorithms and Technologies <i>Chairman - Peter Krinov</i>	Next Generation Networks <i>Chairman - Andrey Vorobyev</i>	Media <i>Chairman - Alexey Petrovsky</i>
10:15-11:15	Open research problems and deliverables expectation <i>Dmitry Shmelkin Alexey Maevskiy</i>	Open research problems and deliverables expectation <i>Peter Krinov</i>	Open research problems and deliverables expectation <i>Andrey Vorobyev Vladimir Lyashev</i>	Open research problems and deliverables expectation <i>Alexey Petrovsky</i>
11:15-11:30	Coffee Break			
11:30-12:00	Open research problems and deliverables expectation <i>Alexey Maevskiy</i>	Open research problems and deliverables expectation <i>Peter Krinov</i>	Wireless Network - Open research problems and deliverables expectation <i>Andrey Vorobyev Vladimir Lyashev</i>	Konstantin K. Simonchik Ph.D. , SPb ITMO University
12:00-12:30	Sergey I. Nikolenko Ph.D. , SPb Dept of Steklov Mathematical Institute <i>Convolutional neural networks for object segmentation</i>	Sergey B. Tikhomirov PhD. , SPb State University <i>Hysteresis and Wave propagation</i>	Michael D. Parnes, PhD. , SPb Electrotechnic University <i>Low cost electronic steering reflect array antennas X and Ka band</i>	Andrey N. Terekhov Dr.Sc. , SPb State University
12:30-13:00	Oleg N. Granichin Dr.Sc. , SPb State University <i>Local voting: optimal distributed node scheduling algorithm for multihop wireless networks</i>	Boris A. Novikov Dr.Sc. , SPb State University	Sergey A. Kolyubin Dr.Sc. SPb ITMO University	Eugeny M. Linsky PhD. , SPb UAI <i>Streaming Media Transmission & Processing</i>
13:00-14:00	Lunch			
14:00-14:30	Nikolai K. Krivulin Dr.Sc. , Mathematics and Mechanics Dept, SPb State University <i>Tropical optimization solutions in time-constrained scheduling of production processes</i>	Alexey M. Kashevnik PhD. , SPb ITMO <i>Context-Based Service for a Vehicle Driver: Identification of Dangerous Driving Situations and Recommendation Generatio</i>	Sergey F. Glagolev PhD, Ass.Prof. , The Bonch-Bruевич SPb State University of Telecommunications <i>Direct vs. Coherent Detection efficiency of digital optical signals</i>	Denis Ivan'ko SPb UAI <i>Building a Robust Audio-Visual Speech Recognition System Using a High-Speed Video Camera</i>
14:30-15:00	Peter. Trifonov Ph.D. , SPb Polytechnic University <i>Design and decoding of polar subcodes for 5G</i>	Ivan Deineka Ph.D. , SPb ITMO <i>Methods and approaches for real-time optimization of fiber optics sensors characteristics</i>	Alexander B Sergienko PhD. , SPb Electrotechnic University <i>Adaptive Modulation in TDD-OFDM Wireless Links</i>	Anton V. Sergeev Phd. , SPb UAI
15:00-16:00	Round Table <i>Chairman - Dmitri Shmelkin</i>	Round Table <i>Chairman - Peter Krinov</i>	Round Table <i>Chairman - Andrey Vorobyev</i>	Round Table <i>Chairman - Alexey Petrovsky</i>
16:00-16:15	Coffee break			
16:15-17:45	Round Table <i>Chairman - Dmitri Shmelkin</i>	Round Table <i>Chairman - Peter Krinov</i>	Round Table <i>Chairman - Andrey Vorobyev</i>	Round Table <i>Chairman - Alexey Petrovsky</i>
17:45-18:00	Transfer to a Pier, Boarding, ship "Elizabeth"			
18:30-22:00	Award Ceremony and Dinner on a Ship			