

The program of AINL-ISMW FRUCT conference

November 9-14, 2015, Saint-Petersburg, Russia

Address 1 : Universitetskaya nab. 7-9

Address 2 : Birzhevaya linia, 14

Address 3: Birzhevaya linia, 4

DATE	TIME	PROGRAM	
09.11.15	09:30-10:00	AINL-ISMW FRUCT Conference Registration	
	10:00-11:00	Tutorial: SOCIAL MEDIA COMPUTING I, by Aleksandr Farseev	Tutorial: NEURAL NETWORKS I, by Andrey Filchenkov, Eugeny Putin
	11:20-13:30		Tutorial: INDUCTIVE MODELLING I , by Mikhail Alexandrov, Vadim Strijov
	13:30-14:30	Lunch break (on your own)	
	14:30-15:30	Tutorial: CLICK MODELS, by Ilya Markov	Tutorial: SEARCH USER INTERFACES I, by Christin Seifert
	15:40-19:10		Tutorial: INFORMATION EXTACTION, by Roman Yangarber
	19:10-20:00		Invited talk: Russian NER and IE shared task, by Maria Stepanova
10.11.15	08:45-10:00	AINL-ISMW FRUCT Conference Registration	
	9:00-10:00	Tutorial: SOCIAL MEDIA COMPUTING II, by Aleksandr Farseev	
	10:00-11:00		Section 1: Internet of Things and Healthcare services
	11:20-12:00		Section 2: Internet Protocols and Applications
	12:00-12:20	Coffee break	
	12:20-13:20	Section 4: Text Reuse and Paraphrase	Section 3: Robotics
	13:20-13:40	Invited talk: System view on modern Russian terminology (In Russian), by Stanislav Mikoni	

	13:40-14:30	Lunch break (on your own)	
	14:30-15:30	Section 5: Time Series Analysis	Tutorial: PLAGIARISM DETECTION I, by Alexey Romanov, Daria Beresneva, Alberto Barron Cedeno
	15:40-16:40	Tutorial: MATHEMATICAL MODELS OF SOCIAL PROCESSES I, by Olga Proncheva	
	16:40-17:00	Coffee break	
	17:00-18:00	Tutorial: MATHEMATICAL MODELS OF SOCIAL PROCESSES II, by Olga Proncheva	Tutorial: SEARCH USER INTERFACES II, by Christin Seifert
	18:10-19:10	Tutorial: INDUCTIVE MODELLING II , by Mikhail Alexandrov, Oleksiy Koshulko	Tutorial: SEARCH USER INTERFACES III, by Christin Seifert
	19:10-20:00		
	09:30-10:00	AINL-ISMW FRUCT Conference Registration	
	10:00-12:10	Tutorial: NEURAL NETWORKS II, by Andrey Filchenkov, Eugeny Putin <i>Addr2, 515</i>	Tutorial: PLAGIARISM DETECTION II, by Tommaso Fornaciari, Rita Kuznetsova, Andrey Ivahnenko, Alexey Romanov <i>Addr2, 301/5</i>
	12:10-12:30	Coffee break	
	12:30-13:30	Section 6: Neural Networks applications <i>Addr2, 515</i>	
	13:30-14:30	Lunch break (on your own)	
11.11.15	14:30-15:30	Invited talk: by Alberto Barron-Cedeno <i>Addr1, Actovyi zal</i>	
	15:40-16:40	Invited talk: Testimonies' evaluation in forensic practices: from polygraph to NLP, by Tommaso Fornaciari <i>Addr1, Actovyi zal</i>	
	16:40-17:00	Coffee break	
	17:00-18:00	Invited talk: Visualization Techniques, by Christin Seifert <i>Addr1, Actovyi zal</i>	
	18:10-20:00	Panel discussion: Visualization <i>Addr1, Actovyi zal</i>	

12.11.15	09:30-10:00	AINL-ISMW FRUCT Conference Registration	
	10:00-10:50	Industrial talk: Analysing official documents using Compreno technology, by Anatoly Starostin, ABBYY <i>Addr1, Petrovskiy zal</i>	
	10:50-11:40	Industrial talk: Overall Acceptance Criterion in Online A/B Testing: Classical and Promising Approaches, by Alexey Drutsa, Yandex <i>Addr1, Petrovskiy zal</i>	
	11:40-12:00	Coffee break	
	12:00-13:00	Invited Talk: The current state of m-Health: Biomedical Engineering view, by Oleg Medvedev <i>Addr1, Petrovskiy zal</i>	
	13:30-14:30	Lunch break (on your own)	
	14:00-16:10	Tutorial: SOCIAL MEDIA COMPUTING IV, by Tat-Seng Chua and Aleksandr Farseev <i>Addr2, 301/5</i>	Tutorial: NEURAL NETWORKS III, by Andrey Filchenkov, Eugeny Putin <i>Addr2, 515</i>
	16:10-16:30	Coffee break	
	16:30-17:30	Open lecture: Criminal Profiling in police practices, science and fiction: from the origins to future perspectives, by Tommaso Fornaciari <i>Addr2, 301/5</i>	Open lecture: The current state of m-Health : physician's and patient's view, by Oleg Medvedev <i>Addr2, 515</i>
13.11.15	09:30-10:00	AINL-ISMW FRUCT Conference Registration	
	10:00-11:00	Invited talk: Crowdsourcing for Entity-Centric Information Access, by Gianluca Demartini <i>Addr1, Actoviy zal</i>	
	11:00-11:20	Coffee break	
	11:20-12:20	Invited talk: A Cognitive Computing Approach to Natural Language Semantics, by Chris Biemann <i>Addr1, Actoviy zal</i>	
	12:30-13:30	Invited talk: Social Media Analytics for Study of Public Events, User Mobility and Wellness, by Tat-Seng Chua <i>Addr1, Actoviy zal</i>	

	13:30-14:30	Lunch break (on your own)	
	14:30-16:50	Tutorial: DISTRIBUTIONAL SEMANTICS I, by Andrey Kutuzov <i>Addr1, 70</i>	Tutorial: CROWDSOURCING I, By Chris Biemann <i>Addr1, Actovyi zal</i>
	17:00-18:30	POSTER+DEMO Presentations (Pecha Kucha) <i>Addr1, Actovyi zal</i>	
	18:30-20:30	POSTER+DEMO+Social Event <i>Addr1, Actovyi zal</i>	
	09:20-10:00	AINL-ISMW FRUCT Conference Registration	
	10:00-11:00	Open lecture: Topic modeling as a key technology for exploratory search and social media mining by Konstantin Vorontsov <i>Addr1, Actovyi zal</i>	
	11:00-11:20	Coffee break	
	11:20-12:20	Open lecture: Generation and analysis of speech sounds: a new approach, by Vera Evdokimova and Pavel Skrelin <i>Addr1, Actovyi zal</i>	
	12:30-13:30	Open lecture: Challenges in Real-time Social Media Analytics: What has changed over the last 5 years? by Tat-Seng Chua <i>Addr1, Actovyi zal</i>	
	13:30-14:30	Lunch break (on your own)	
14.11.15	14:30-18:00	Tutorial: DISTRIBUTIONAL SEMANTICS II, by Aleksandr Panchenko <i>Addr2, 301/5</i>	Tutorial: CROWDSOURCING II, by Gianluca Demartini <i>Addr3, Conference hall</i>
	18:10-18:30	Section 7: Machine learning techniques <i>Addr2, 301/5</i>	Industrial talk: Yandex.Toloka, by Olga Megorskaya, Yandex <i>Addr3, Conference hall</i>
	18:30-18:50		Section 8: Crowdsourcing <i>Addr3, Conference hall</i>
	18:50-19:10		Panel discussion: Crowdsourcing <i>Addr3, Conference hall</i>
	19:10-20:00	Industrial talk: Detailed Analysis of Interests of VKontakte Audience, by Felix Zinatullin, Cerebro Target <i>Addr2, 301/5</i>	
	20:00-	Official closing of the AINL-ISMW FRUCT conference	

	20:10	
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The program of AINL-ISMW FRUCT conference sections

November 10 (Tuesday)

Section 1: Internet of Things and Healthcare Services		
10:00	20m	Communication Between Emergency Medical System Equipped With Panic Buttons and Hospital Information Systems: Use Case and Interfaces, Ilya Paramonov, Andrey Vasilyev and Ivan Timofeev
10:20	20m	Applying the p-medians in the design of modern systems-on-chip, Nadezhda Matveeva, Elena Suvorova and Lev Kurbanov
10:40	20m	Implementation of the new REST API for open source LBS-platform Geo2Tag, Mark Zaslavskiy and Dmitry Mouromtsev
Session 2: Internet Protocols and Applications		
11:00	20m	Software-to-Hardware Tester for the STP-ISS Transport Protocol Verification, Valentin Olenev, Irina Lavrovskaya and Nadezhda Chumakova
11:20	20m	Twitter as a Transport Layer Platform, Dmitry Namiot
Session 3: Robotics		
12:20	20m	Design and implementation Raspberry Pi-based omni-wheel mobile robot, Kirill Krinkin, Elena Stotskaya and Yury Stotskiy
12:40	20m	Evaluation of the Modern Visual SLAM Methods, Artur Huletski, Dmitriy Kartashov and Kirill Krinkin
Session 4: Text Reuse and Paraphrase		
12:20	20m	Discovering Text Reuse in Large Collections of Documents: a Study of Theses in History Sciences, Anton Khritankov, Pavel Botov, Nikolay Surovenko, Sergey Tsarkov, Dmitriy Viuchnov and Yuri Chekhovich
12:40	20m	Monolingual Approach to Detection of Text Reuse in Russian-English Collection, Oleg Bahteev, Rita Kuznetsova, Alexey Romanov and Anton Khritankov
13:00	20m	Comparison of Sentence Similarity Measures for Russian Paraphrase Identification, Ekaterina Pronoza and Elena Yagunova
Session 5: Time Series Analysis		
14:30	20m	Introducing Government Contracts to Technology Forecasting, Nikita Nikitinsky, Dmitry Ustalov and Sergey Shashev
14:50	20m	Multi-representation approach to text regression of financial risks, Alexey Natekin, Roman Trusov, Pavel Kalaidin, Sergey Ovcharenko and Alois Knoll
15:10	20m	Revealing Potential Changes of Significant Terms in Streams of Textual Data Written in Natural Languages Using Windowing and Text Mining, Jan Žižka and František Dařena

November 11 (Wednesday)

Session 6: Neural Networks Applications		
12:30	20m	Morpho-syntactic parsing based on neural networks and Corpus dataset, Roman Rybka, Dmitry Gudovskikh, Ivan Moloshnikov and Alexandr Sboev
12:50	40m	Recurrent Neural Network-based Language Modeling for an Automatic Russian Speech Recognition System, Irina Kipyatkova and Alexey Karpov

November 14 (Saturday)

Session 7: Machine Learning Techniques		
18:10	20m	WFST Approach to German Compound Words Reconstruction for LVCSR, Nickolay Shamraev, Alexander Batalshchikov, Mikhail Zulkarneev, Sergey Repalov and Anna Shirokova
18:30	20m	Arabic manuscripts identification based on Feature Relation Graph, Vladislav Pavlov, Dmitry Shalymov, Oleg Redkin and Olga Bernikova
18:50	20m	Datasets Meta-Feature Description for Recommending Feature Selection Algorithm, Andrey Filchenkov and Arseniy Pendryak

Session 8: Crowdsourcing		
18:10	20m	Crowdsourcing Synset Relations with Genus-Species-Match, Dmitry Ustalov

