

Analysis of Images, Social Networks, and Texts (AIST'2016)				
April 7 (Thursday)				
9:00	Registration			
9:30	Opening			
9:40	Attila Kertesz-Farkas	<i>False discovery rate control for database search methods over heterogeneous biological data.</i>		
	Data Analysis, Graphs & Complex Data		Natural Language Processing	
10:40	Aleksei Zhukov, Denis Sidorov, Aoife Foley and Adele Marshall	<i>Random Forest Based Approach for Concept-Drift Handling</i>	Sergey Nikolenko and Anton Alekseev	<i>User Profiling in Text-Based Recommender Systems Based on Distributed Word Representations</i>
11:00	Valentina Kuskova, Daniilova Daria and Rustam Kamalov	<i>Organizational networks revisited: relational predictors of organizational citizenship behavior</i>	Sergey Nikolenko and Elena Tutubalina	<i>Constructing Aspect-Based Sentiment Lexicons with Topic Modeling</i>
11:20	Anton Ereemeev, Alexander Kelmanov and Artem Pyatkin	<i>On Complexity of Searching a Subset of Vectors with Shortest Average under a Cardinality Restriction</i>	Olga Khomitsevich, Kirill Boyarsky, Eugeny Kanevsky, Anna Bulusheva and Valentin Mendelev	<i>Flexible Context Extraction for Keywords in Russian Automatic Speech Recognition Results</i>
11:40	Alexander Kazakov, Anna Lempert and Huy Liem Nguyen	<i>The Problem of The Optimal Packing of The Equal Radius Circles for Non-Euclidean Metric</i>	Valeriia Mozharova and Natalia Loukachevitch	<i>Combining Knowledge and CRF-based Approach to Named Entity Recognition in Russian</i>
12:00	Coffee Break			
	Data Analysis, Graphs & Complex Data		Natural Language Processing	
12:20	Dmitry B. Berg, Rustam H. Davletbaev, Yulia Yu. Nazarova and Olga M. Zvereva	<i>The Detailed Structure of the Local Entrepreneurial Network: Experimental Economics Study</i>	Andrey Kutuzov and Elizaveta Kuzmenko	<i>WebVectors: Toolkit for Building Web Interfaces for Vector Semantic Models</i>
12:30	Fedor Krasnov, Rostislav Yavorskiy and Sofia Dokuka		Andrew Smirnov and Valentin Mendelev	<i>Applying Word Embeddings to Leverage Knowledge Available in One Language in Order to Solve a Practical Text Classification Problem In Another Language</i>
12:40		<i>The structure of organization: the coauthorship network case</i>	Alexander Panchenko, Dmitry Ustalov, Nikolay Arefyev, Denis Paperno, Natalia Konstantinova, Natalia Loukachevitch and Chris Biemann	<i>Human and Machine Judgements about Russian Semantic Relatedness</i>
12:50			Elizaveta Kuzmenko, Svetlana Toldova, Elmira Mustakimova, Alexandra Blazhievskaya and Timofey Arkhangel'skiy	<i>Morphological Analysis for Russian: Integration and Comparison of Taggers</i>
13:00	Lunch			
14:00	Radhakrishnan Delhibabu	<i>Analysis of Anisotropic Diffusion in Image Processing</i>		
	Data Analysis, Graphs & Complex Data		Analysis of Images and Video	
15:00	Sofia Dokuka, Dilara Valeeva and Maria Yudkevich	<i>Homophily evolution in online networks: who is a good friend and when?</i>	Inessa Gracheva and Andrey Kopylov	<i>Image Processing Algorithms with Structure Transferring Properties on the Basis of Gamma-normal Model</i>
15:10	Sergey Nikolenko	<i>ARTM vs. LDA: an SVD Extension Case Study</i>		
15:20	Yury Kashnitsky	<i>Lazy Learning of Succinct Classification Rules for Complex Structure Data</i>	Anna Denisova	<i>Two Realizations of Probability Anomaly Detector with Different Vector Quantization Algorithms</i>
15:30	Alexei Ignatov	<i>The Structure of an Investment Portfolio in Two-step Problem of Optimal Investment with One Risky Asset Via the Probability Criterion</i>		
15:40	Kirill Kuptsov, Sergey Ereemeev and Dmitry Andrianov	<i>Checking the Topological Consistency of Maps of Different Scales</i>	Andrey Kuznetsov and Vladislav Myasnikov	<i>Using Efficient Linear Local Features in the Copy-move Forgery Detection Task</i>
15:50	Anastasiia Nesterenko	<i>Extracting Functional Job Roles from Professional Social Networking Site Profiles</i>		
16:00	Mikhail Semenov, Elena Koroleva, Dilmurat Tursunov, Lev Bulygin	<i>A Project Teams Creation based on Communities Detection</i>	Artem Baklanov, Steffen Fritz, Michael Khachay, Oleg Nurmukhametov, Carl Salk, Linda See and Dmitry Shchepashchenko	<i>Votes Aggregation Techniques in Geo-Wiki Crowdsourcing Game: a Case Study</i>
16:10	Alina Kadyrova and Konstantin Fursov	<i>Evolution of advanced technology studies: a search for communication core</i>		
16:20	Alexander Sirotkin, Ilya Musabirov, Paul Okopny, Denis Bulygin and Vladimir Ivanov	<i>Topic Modeling for Answers Detection in Online Game Chats</i>	Vladimir Milov and Andrey Savchenko	<i>Classification of Dangerous Situations for Small Sample Size Problem in Maintenance Decision Support Systems</i>
16:30				
16:40	Coffee Break			
	Machine Learning & Data Mining		Graphs & Social Network Analysis	
17:00	Ilya Makarov and Pavel Polyakov	<i>Smoothing Voronoi-based Path with Minimized Length and Visibility Using Composite Bezier Curves</i>	Olga M. Zvereva and Dmitry B. Berg	<i>Triad Census Usage for Communication Network Analysis</i>
17:10	Anton Malenichev, Olga Krasotkina, Vadim Mottl and Oleg Seredin	<i>Multi-class Learning in Big Data</i>	Nataly Zhukova and Alexander Vodyaho	<i>Conceptual Model for Routine Measurements Analyses in Semantic Web Applications</i>
17:20	Anton Agafonov and Vladislav Myasnikov	<i>Structural Optimization of the Travel Time Prediction Model Based on Hierarchical Regression</i>	Benjamin Lind, B Remy Cross and Georgy Mkrtychyan	<i>Organizations, State Interactions, and Field Stability: A Network Analysis of the Tea Party and Occupy Wall Street Movements</i>
17:30	Alexey Zraenko	<i>The task of compiling the project execution plan in the multi-agent model</i>	Alexander Mikov, Elena Zamyatina and Daria Germanova	<i>Program Tools for Dynamic Investigation of Social Networks</i>
17:40	Ekaterina Krasnova, Elena Bulgakova and Vadim Shshemel'lin	<i>Performance Evaluation of Acoustic-Spectrographic Voice Identification Method in Native and Non-native Speech</i>		

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April 8 (Friday)			
9:00	Kaytoue Mehdi	<i>Finding duplicate labels in behavioral data: an application for E-Sport analytics.</i>	
	SNA Hackaton		Analysis of Images and Video
10:00		Thu Huong Nguyen, Aleksei Zhukov and The Long Nguyen	<i>On Road Defects Detection and Classification</i>
10:10		Artem Kruglov and Yuri Chiryshv	<i>Detection and Tracking of the Objects in Real Time Applied to the Problem of the Log Volume Estimation</i>
10:20		Dmitry Stepanov, V.V. Mizgulin, V.V. Kosulnikov, R.M. Kadushnikov, E.D. Fedorov and O.A. Buntseva	<i>Detector of interest point from region of interest on NBI endoscopy images</i>
10:30		Oxana Logunova, Ivan Posokhov, Anatoliy Mikov, Elena Ilyina E.A., Natalya Dyorina and Anatoliy Belyavskiy	<i>The Results Of Sulfur Print Image Classification Of Section Templates</i>
10:40		Alexey Mikhaylichenko, Yana Demyanenko and Elena Grushko	<i>Automatic Segmentation and Detection of Joints in X-Ray Images</i>
10:50	SNA Hackathon 2016 Final Presentations		<i>The linear variation and the optimized algorithm of connected-component labeling in a binary image</i>
11:00		Fedor Alekseev, Mikhail Alekseev and Artyom Makovetskiy	
11:00		Vladimir Surin and Alexander Tyrsin	<i>Research of properties of digital noise in contrast images</i>
11:10		Aleksey S. Makarov and Marina V. Bolsunovskaya	<i>The 360° Around View System for Large Vehicles, the Methods of Calibration and Removal of Barrel Distortion for Omnidirectional Cameras</i>
11:20		Anton Korsakov, Ivan Fomin, Dmitry Gromoshinsky, Aleksandr Bakshiev, Dmitry Stepanov and Ekaterina Smimova	<i>Determination of an unmanned mobile object orientation by natural landmarks</i>
11:30		Alexey Ruchay	<i>An Elective Multibiometric Authentication</i>
11:40		Andrey Mukhtarov, Sergey Porshnev, Vasily Zuzin, Anastasia Bobkova and Vladimir Bobkov	<i>The Study of Applicability of the Decision Tree Method for Contouring of the Left Ventricle Area in Echographic Video Data</i>
11:50		Dmitrii Tihonkih, Artyom Makovetskii and Vladislav Kuznetsov	<i>The Iterative Closest Points Algorithm and Affine Transformations</i>
12:00	Coffee Break		
12:20	SNA Hackathon 2016 Awards		
	Analysis of Images and Video		Natural Language Processing
12:40	Alexander Karkishchenko and Valeriy Mnuukhin	<i>Threefold Symmetry Detection in Hexagonal Images Based on Finite Eisenstein Fields</i>	Oleksandr Frei and Murat Apishev <i>Parallel Non-blocking Deterministic Algorithm for Online Topic Modeling</i>
13:00	Olesia Kushnir, Sofia Fedotova, Oleg Seredin and Alexander Karkishchenko	<i>Reflection Symmetry of Shapes Based on Skeleton Primitive Chains</i>	Galina Lavrentyeva, Sergey Novoselov and Konstantin Simonchik <i>Anti-spoofing Methods for Automatic Speaker Verification System</i>
13:20	Artyom Makovetskii, Sergei Voronin and Vitaly Kober	<i>An Efficient Algorithm for Total Variation Denoising</i>	Arseniy Ashuha and Natalia Loukachevitch <i>Bigram Anchor Words Topic Model</i>
13:40	Aleksandr Vokhmintsev and Konstantin Yakovlev	<i>A Real-time Algorithm for Mobile Robot Mapping Based on Rotation-invariant Descriptors and ICP</i>	Polina Panicheva, Ekaterina Protopopova, Grigory Bukia and Olga Mitrofanova <i>Evaluating Distributional Language Models with Russian Noun-Adjective Compositions</i>
14:00	Lunch		
	Analysis of Images and Video		Natural Language Processing
15:00	Ekaterina Ostheimer, Valeri Labunets and Ivan Artemov	<i>Ortho-unitary transforms, wavelets and splines</i>	Marina Danshina, Andrey Philippovich and Irina Golubeva <i>The methodology of automated decryption of znamenny chants</i>
15:10			Edward Kiyshinsky, Petr Ermakov, Natalia Lukashevich and Olesya Karpik <i>The Corpus of Syntactic Co-occurrences: the First Glimpse</i>
15:20	Valeri Labunets, Ivan Artemov and Ekaterina Ostheimer	<i>The color excitable Schrodinger metamedium</i>	Taisiya Kostareva, Svetlana Chuprina and Alexandr Nam <i>Using Ontology-Driven Methods To Develop Frameworks For Tackling Nlp Problems</i>
15:30			Nikolay Karpov, Eduard Babkin and Alexander Demidovskij <i>Evolvable Semantic Platform for Facilitating Knowledge Exchange</i>
15:40	Valeri Labunets, Denis Komarov and Ekaterina Ostheimer	<i>Fast multiparametric wavelet transforms and packets for image processing</i>	Elena Bruches, Dmitrii Karpenko and Varvara Krayvanova <i>The Hybrid Approach to Part-of-Speech Disambiguation</i>
15:50	Valeri Labunets, Ivan Artemov and Ekaterina Ostheimer	<i>The bichromatic excitable Schrodinger metamedium</i>	George Moiseev <i>Classification of E-commerce Websites by Product Categories</i>
16:00			Andrei Shcherbakov <i>A Branching Alignment Based Synthesis of Regular Expressions</i>
16:10	Coffee Break		
16:40	Poster Marathon		
18:00	AIST Scientific Program Closing		

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April 9 (Saturday)

Business & Industry

9:30	Дмитрий Бугайченко, OK.ru	<i>Data Science в продажах: скрещиваем ужа и ежа</i>
10:00	Иосиф Иткин, Exactpro	<i>TBA</i>
10:30	Валентин Менделев, Центр Речевых Технологий	<i>Распознавание речи менеджеров по продажам почти из ничего</i>
11:00	Денис Никифоров, Центр ИТ	<i>Проектирование структур электронных документов</i>
11:30	Coffee Break	
11:50	Александр Радионов, 2ГИС	<i>Геопуиск в 2ГИС</i>
12:20	Алексей Натекин, OpenDataScience, DMLabs, Deloitte	<i>Ценность анализа данных для бизнеса: нужно ли это вам и нужны ли мы им?</i>
12:40	Петр Ермаков, HeadHunter	<i>Модерация резюме: от людей к роботам. Машинное обучение в компании HeadHunter</i>
13:00	Lunch	
14:00	Александр Москвичев, EveResearch	<i>Алгоритмы анализа данных в маркетинговых исследованиях и проектах</i>
14:20	Сергей Горшков, Trinidata	<i>Поддержка принятия решений в промышленности на основе сложно структурированных данных</i>
14:40	Евгений Цымбалов, Webgames	<i>Методы машинного обучения для задач игровой аналитики</i>
15:00	Свободный слот	
15:20	Станислав Кралин, Сайтсофт	<i>Связанные открытые данные федеральных органов исполнительной власти: ситуация, проблемы, перспективы</i>
15:40	Coffee Break	
Education & Community Development		
16:00	Марина Даньшина, Mail.ru	<i>Образовательные проекты Mail.ru</i>
16:30	Ирина Роева, Яндекс	<i>Академические проекты Яндекса в регионах</i>
17:00	Алена Ильина и Иван Бибилов, GoTo	<i>GoTo школы, конкурсы и хакатоны</i>
17:20	Владимир Горшенин, pressFoto	<i>Школа машинного обучения компании pressFoto</i>
17:40	Петр Ромов, ФКН ВШЭ, Yandex Data Factory	<i>Data Science of Dota 2: Роль киберспорта в обучении анализу данных</i>
18:00	Алексей Натекин, OpenDataScience, DMLabs, Deloitte	<i>Сообщество Data Scientist'ов: занятные наблюдения об образовательных проектах и мероприятиях</i>
18:20	AIST Business Program Closing	