

9th International Conference "Distributed Computing and Grid Technologies in Science and Education" (GRID'2021)

Monday, July 5, 2021

Big data Analytics and Machine learning. - 407 or Online -

<https://jinr.webex.com/jinr/j.php?MTID=m573f9b30a298aa1fc397fb1a64a0fb4b> (3:30 PM - 5:00 PM)

time	[id] title	presenter
3:30 PM	[60] Can I protect my face image from recognition?	SHCHEGOLEVA, Nadezhda
3:45 PM	[24] On methods of the transfer learning in the classification of the biomedical images	Prof. SHCHETININ, EUGENE
4:00 PM	[49] Deep Learning Application for Image Enhancement	ELARABY, Ahmed
4:15 PM	[99] Architecture of a generative adversarial network and preparation of input data for modeling gamma event images for the TAIGA-IACT experiment	DUBENSKAYA, Yulia
4:30 PM	[179] The use of convolutional neural networks for processing stereoscopic IACT images in the TAIGA experiment	POLYAKOV, Stanislav
4:45 PM	[219] Machine Learning for Data Quality Monitoring at CMS Experiment	GORBUNOV, Ilya

Tuesday, July 6, 2021**Big data Analytics and Machine learning. - 407 or Online -****<https://jinr.webex.com/jinr/j.php?MTID=m573f9b30a298aa1fc397fb1a64a0fb4b> (1:30 PM - 3:00 PM)**

time	[id] title	presenter
1:30 PM	[88] Event index based correlation analysis for the JUNO experiment	LIN, Tao
1:45 PM	[68] Mechanisms for identifying the patterns of the dynamics of scientific and technical publications on the example of the thematic direction "Robotics"	Mr CHERKASSKIY, Andrey
2:00 PM	[186] Data analysis platform for stream and batch data processing on hybrid computing resources	KADOCHNIKOV, Ivan
2:15 PM	[113] Intelligent Networks: using convolutional LSTM models to estimate network traffic	Ms WACZYNSKA, Joanna
2:30 PM	[91] Benchmark of Generative Adversarial Networks for Fast HEP Calorimeter Simulations	REHM, Florian
2:45 PM	[101] Identification of news text corpora influencing the volatility of financial instruments	STANKUS, alexey

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time	[id] title	presenter
3:20 PM	[59] Classification of lung X-rays with pneumonia disease using deep learning models	Prof. SHCHETININ, EUGENE
3:35 PM	[148] Forecasting and assessment of land conditions using neural networks	Ms KHOKHRIAKOVA, Anastasiia Mr GRISHKIN, Valery
3:50 PM	[162] Using distributed computing systems to solve the problem of image classification using deep neural networks	KUROCHKIN, Ilya
4:05 PM	[145] High resolution image processing and land cover classification for hydro-geomorphological high-risk area monitoring	MINIELLO, Giorgia
4:20 PM	[115] SQL query execution optimization on Spark SQL	MOZHAIKII, Gleb

Friday, July 9, 2021

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<https://jinr.webex.com/jinr/j.php?MTID=m573f9b30a298aa1fc397fb1a64a0fb4b> (11:00 AM - 12:30 PM)

time	[id] title	presenter
11:00 AM	[191] Neural network approach to the problem of image segmentation for morphological studies at LRB JINR	STRELTSOVA, Oksana
11:15 AM	[192] Algorithms for behavioral analysis of laboratory animals in radiobiological research at LRB JINR	STADNIK, Alexey UTINA, Dina
11:30 AM	[125] ON DEEP LEARNING FOR OPTION PRICING IN LOCAL VOLATILITY MODELS	SHOROKHOV, Sergey
11:45 AM	[180] Analytical platform for socio-economic studies	BELOV, Sergey
12:00 PM	[137] Применение методов машинного обучения для кросс-классификации алгоритмов и задач многомерной непрерывной оптимизации	Mr ЧЕПУРHOV, Андрей
12:15 PM	[155] Multi-instance learning for Rhetoric Structure Parsing	Mr VOLKOV, Sergey