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

Monday, 5 July 2021

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

https://jinr.webex.com/jinr/j.php?MTID=m573f9b30a298aa1fc397fb1a64a0fb4b (15:30 - 17:00)

time	[id] title	presenter
15:30	[60] Can I protect my face image from recognition?	SHCHEGOLEVA, Nadezhda
15:45	[24] On methods of the transfer learning in the classification of the biomedical images	Prof. SHCHETININ, EUGENE
16:00	[49] Deep Learning Application for Image Enhancement	ELARABY, Ahmed
16:15	[99] Architecture of a generative adversarial network and preparation of input data for modeling gamma event images for the TAIGA-IACT experiment	DUBENSKAYA, Yulia
16:30	[179] The use of convolutional neural networks for processing stereoscopic IACT images in the TAIGA experiment	POLYAKOV, Stanislav
16:45	[219] Machine Learning for Data Quality Monitoring at CMS Experiment	GORBUNOV, Ilya

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https://jinr.webex.com/jinr/j.php?MTID=m573f9b30a298aa1fc397fb1a64a0fb4b (13:30 - 15:00)

time	[id] title	presenter
13:30	[88] Event index based correlation analysis for the JUNO experiment	LIN, Tao
13:45	[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
14:00	[186] Data analysis platform for stream and batch data processing on hybrid computing resources	KADOCHNIKOV, Ivan
14:15	[113] Intelligent Networks: using convolutional LSTM models to estimate network traffic	Ms WACZYNSKA, Joanna
14:30	[91] Benchmark of Generative Adversarial Networks for Fast HEP Calorimeter Simulations	REHM, Florian
14:45	[101] Identification of news text corpora influencing the volatility of financial instruments	STANKUS, alexey

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https://jinr.webex.com/jinr/j.php?MTID=m573f9b30a298aa1fc397fb1a64a0fb4b (15:20 - 16:35)

time	[id] title	presenter
15:20	[59] Classification of lung X-rays with pneumonia disease using deep learning models	Prof. SHCHETININ, EUGENE
15:35	[148] Forecasting and assessment of land conditions using neural networks	Ms KHOKHRIAKOVA, Anastasiia Mr GRISHKIN, Valery
15:50	[162] Using distributed computing systems to solve the problem of image classification using deep neural networks	KUROCHKIN, Ilya
16:05	[145] High resolution image processing and land cover classification for hydro-geomorphological high-risk area monitoring	MINIELLO, Giorgia
16:20	[115] SQL query execution optimization on Spark SQL	MOZHAISKII, Gleb

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Friday, 9 July 2021

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

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