

Session Program

10–14 Sept 2018



**The 8th International Conference "Distributed Computing and
Grid-technologies in Science and Education" (GRID 2018)**

Poster Session

Monday 10 September

16:00

Poster Session

Poster Session | Location: 4th floor

OpenFOAM wave modelling optimization with heterogeneous systems application porting.

Speaker

Mr Nikita Nizovtsov

Parallel calculations of ground states of 6,7,9,11Li nuclei by Feynman's continual integrals method

Speaker

Dr Mikhail Naumenko

Methods & tools of the RSC BasIS distributed micro agent platform for managing compute, network and storage resources to efficiently process data

Speaker

Mikhail Malkov

Data gathering and wrangling for the monitoring of the Russian labour market

Speaker

Mr Javad Javadzade

Sensitivity Analysis in a problem of ReaxFF molecular-dynamic force field optimization

Speaker

Dr Stepanova Margarita

Применение сети Хопфилда для автоматизированной подборки КПЭ

Speaker

Mr Денис Кравченко

Анализ параллельной структуры популяционных алгоритмов оптимизации

Speaker

Mr Sergey Poluyan

Event-Driven Automation and chat-ops on IHEP computing cluster

Speaker

Mr Viktor Kotliar

Efficiency measurement system for the computing cluster at IHEP

Speaker

Mr Viktor Kotliar

Optimisation of TensorFlow applications on the workstation Intel® Xeon® Platinum

Speaker

Mrs Svetlana Shikota

Application of Hubzero platform for the educational process in astroparticle physics

Speaker

Ms Yuliya Kazarina

A way of anomaly detection in engineering equipment characteristics of Symmetra at IHEP IT center

Speaker
Mr Viktor Kotliar

Using multivariate quantile function for solving bioinformatics problems

Speaker
Mr Sergey Poluyan

Combined Explicit-Implicit Taylor Series Methods

Speaker
Zafar Tukhliev

Scalability of the Parallel Strongin Algorithm in the Problem of Optimizing a Molecular-Dynamic Force Field

Speaker
Mr Konstantin Shefov

ANALYSIS OF THE FEATURES OF THE OPTIMAL LOGICAL STRUCTURE OF DISTRIBUTED DATABASES

Speaker
Dr Elena Nurmatova

Применение эволюционных и роевых алгоритмов оптимизации для решения модельной задачи предсказания структуры белка

Speaker
Maxim Bystrov

Convolutional neural networks for self-driving cars on GPU

Speaker
Ms Nataliia Kulabukhova

The problem of symbolic-numeric computation of the eigenvalues and eigenfunctions of the leaky modes in a regular homogeneous open waveguide

Speaker
Mr Andrey Drevitskiy

An Image Verification Framework Development

Speaker
Mr Andrey Nechaevskiy

Modernization of web service for the data center simulation program

Speakers
Ms Дарья Пряхина, Дмитрий Маров

Pseudo-random number generator based on neural network

Speaker
Mr Migran Gevorkyan

Когнитивно-интеллектуальная система адаптации и обучения детей-аутистов

Speaker
Ms Alla Mamaeva

Когнитивно интеллектуальная система диагностики, адаптации и обучения детей-аутистов. Модуль обработки данных

Speaker
Mr Andrey Shevchenko

Using binary file format description languages for verifying raw data in astroparticle physics experiments

Speaker

Elena Korosteleva

Possible application areas of machine learning techniques at MPD/NICA experiment and their implementation prospects in distributed computing environment

Speaker

Mr Dmitry Zinchenko

Numerical solution of diffraction problem on the joint of two open three-layered waveguides

Speaker

Mr Veniamin Chupritskiy

Modern hyper-converged platform for computational- and I/O- heavy environments

Speaker

Mikhail Malkov

17:00