

The 7th International Conference "Distributed Computing and Grid-technologies in Science and Education" (GRID 2016)

Tuesday, 5 July 2016

8. High performance computing, CPU architectures, GPU, FPGA - LIT Conference Hall (13:30 - 15:00)

time	[id] title	presenter
13:30	[90] Optimization algorithms for computing options for the hybrid system	KHMEL, Dmitry
13:45	[68] Pragmatic appliance of GPGPU technology	KHMEL, Dmitry
14:00	[87] Elastic Imaging using Multiprocessor Computing Systems	Dr GOLUBEV, Vasily
14:15	[126] HPC Cluster. The Modern Paradigm.	BELYAKOV, Dmitry
14:30	[131] Development of algorithm for efficient pipeline execution of batch jobs on computer cluster	Mr TIPIKIN, Yury
14:45	[17] Учебный кластер из одноплатных компьютеров Raspberry Pi	НИКОЛЬСКИЙ, Илья

8. High performance computing, CPU architectures, GPU, FPGA (15:30 - 17:30)

time	[id] title	presenter
15:30	[100] Parallelization of a finite difference scheme for solving systems of 2D Sine-Gordon equations	Dr HRISTOV, Ivan
15:45	[16] PARALLEL EVOLUTIONARY ALGORITHM IN HIGH-DIMENSIONAL OPTIMIZATION PROBLEM	Ms KOTRIAKHOVA, Sofia
16:00	[104] Parallel algorithms for calculation of binding energies and adatom diffusion on GaN (0001) surface	Dr MINKIN, Alexander
16:15	[6] Calculation of ground states of few-body nuclei using NVIDIA CUDA technology	NAUMENKO, Mikhail
16:30	[10] The parallel framework for the partial wave analysis	Ms TOKAREVA, Victoria
16:45	[144] Параллельные программы библиотеки JINRLIB	Dr SAPOZHNIKOVA, Tatiana
17:00	[11] Parallel implementations of image reconstruction algorithms for X-ray microtomography	Ms TOKAREVA, Victoria
17:15	[25] Применение технологии MPI для решения задач распространения динамических волновых возмущений с использованием многоблочных структурных сеток	КНОКХЛОВ, Nikolay