Session Program

10–14 Sept 2018

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

4.Scientific, industry and business applications in distributed computing systems, education

Tuesday 11 September

13:30

4.Scientific, industry and business applications in distributed computing systems, education
Session | **Location:** 310

13:30–13:45 **Enabling Biology, Chemistry and Other Sciences on Titan through BigPanDA**

Speaker
Mr Danila Oleynik

13:45–14:00 **Cache-friendly memory traversal to improve performance of grid-characteristic method**

Speaker
Andrey Ivanov

14:00–14:15

Molecular dynamic simulation of water vapor interaction with various types of pores using hybrid computing structures

Speaker
Dr Eduard Nikonov

14:15–14:30 **The interoperability problem during the implementation of the FOURTH PARADIGM**

Speakers
ALEXANDER OLEYNIKOV, Mr Andrey Kamenshchikov

14:30–14:45

MODERN E - INFRASTRUCTURE FOR SCIENCE AND EDUCATION IN MOLDOVA BASED ON THE RENAM-GEANT PLATFORM

Speaker
Mr Grigore Secrieru

14:45–15:00

Architecture and basic principles of the multifunctional platform for plant disease detection

Speaker
Dr Alexander Uzhinskiy

15:00

15:30

4.Scientific, industry and business applications in distributed computing systems, education: Scientific, industry and business applications in distributed computing systems, education
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15:30–15:45

Имитационная модель БРЛК с синтезированной апертурой антенны в сети распределенных вычислений MarGrid

Speaker
Vladimir Bezrodny

15:45–16:00

Разработка децентрализованной платежной системы на основе технологии blockchain с учетом специфики мобильных платформ

Speaker
Андрей Илюхин

16:00–16:15

О методах и технологиях интеллектуального энергосбережения в коммерческих зданиях

Speakers

Ms Evgenia Popova, Prof. eugene shchetinin

16:15–16:30

NIAGARA & IBM - POWER9: Новая архитектура, новые возможности, особенности схемотехники, примеры использования

Speakers

Алексей Перевозчиков, Евгений Максимов

16:30