

Session Program

7–11 Jul 2025



11th International Conference "Distributed Computing and Grid Technologies in Science and Education" (GRID'2025)

Round Table on the Areas of Work of the SPbSU-JINR Joint Scientific and Educational Laboratory

Thursday 10 July

14:00

Round Table on the Areas of Work of the SPbSU-JINR Joint Scientific and Educational Laboratory

Session | Location: Room 420

14:00–14:15 Finding a fuel-efficient vessel route using minimization methods

Speaker

Evgeniy Zhivulin

14:15–14:30

Гибридное турбулентное моделирование в HPC-среде на основе волновой модели ISF и субсеточной фильтрации LES.

Speaker

Boris Tiulkin

14:30–14:45

PATE-FL: A Privacy-Preserving Federated Learning Framework with RAFT-Based Coordination

Speaker

Mr Yueh Chiang

14:45–15:00 How to build an effective data mesh

Speaker

Evgeniy Ibatullin

15:00–15:15 Structure of a distributed system for ensuring reliable IoT security

Speaker

Ms Hakizimana Evelyne

15:15–15:30 PROACTIVE MONITORING IN THE INDUSTRIAL INTERNET OF THINGS

Speaker

Dr Геннадий Дик

15:30–15:45

ABOUT THE CONCEPT OF BUILDING A DISTRIBUTED ECOSYSTEM FOR STORING AND PROCESSING DATA WITHIN THE FRAMEWORK OF AN IT SOLUTIONS DEVELOPMENT PLATFORM

Speaker

Татьяна Автомонова

15:45–16:00

Применение механизма аукционов и мультиагентных технологий для распределения ресурсов и задач в распределенной вычислительной системе

Speaker

Dmitry Tereschenko

16:00

16:30

Round Table on the Areas of Work of the SPbSU-JINR Joint Scientific and Educational Laboratory

Session | Location: Room 420

16:30–16:45

Blockchain Message Broker: Secure Data Transfer with a Two-Layer Hyperledger Fabric Platform

Speaker
Gleb Slepenev

16:45–17:00 Impact of anonymization level on the resilience of dataset clusters in big data

Speaker
Mr Александр Дик

17:00–17:15

A method for covertly embedding encrypted information into raster images using coordinate masking

Speaker
JASUR KIYAMOV

18:00