

VI SPD Collaboration Meeting and Workshop on Information Technology in Natural Sciences

Friday 27 October 2023

Workshop (10:00 - 11:30)

time	[id] title	presenter
10:00	[1] JINR LIT: Information Technologies to Support Multidisciplinary Research.	SHMATOV, Sergei
10:30	[2] Prospects for the development of computing systems in worldwide and in Russia	MOSKOVSKY, Alexander
11:00	[3] Discovery of new materials using theoretical materials science	KABANOV, A

Workshop (12:00 - 13:30)

time	[id] title	presenter
12:00	[29] Foundation AI Models and Self-Driving Labs for Natural Sciences and Industry	NIKONOROV, Artem
12:30	[8] Optical computing and neural networks	KAZANSKIY, N
13:00	[6] Using the actor model for flexible task management in distributed computing environments: a review of the Templet project and the possibility of its integration into the shared-use environment of the NICA complex	VOSTOKIN, S

Workshop (14:30 - 16:00)

time	[id] title	presenter
14:30	[4] WLCG Lessons in Big Data Processing	Mr KIRYANOV, Andrey
15:00	[5] Overview of network technologies used in the natural sciences	SUKHOV, A
15:30	[7] SciLIB numerical methods and objects polymorphic C++ library	DIMA, Mihai-Octavian

Workshop (16:30 - 18:00)

time	[id] title	presenter
16:30	[9] Virtual testbed as an optimization tool	DEGTYAREV, Alexander
17:00	[30] A data dashboard is a useful tool for identifying structure-property correlations in monoligand complexes	SHEVCHENKO, Alexander BARABANOVA, Ekaterina
17:30	[43] GEANT4-DNA: possibilities for radiolysis analysis in astrochemistry"	PERSHIN, A.A.