MMCP2024

Monday 21 October 2024

Plenary Session - Conference Hall of YSU Scientific Council (10:05 - 10:40)

time	[id] title	presenter
10:05	[1] YSU Scientific Program	BARKHUDARYAN, Rafayel

Plenary Session - Conference Hall of YSU Scientific Council (11:05 - 12:50)

time	[id] title	presenter
11:05	[2] Methods and technologies of data processing in heterogeneous computing environments	KORENKOV, Vladimir
11:40	[4] Trusted Artificial Intelligence	AVETISYAN, Arutyun
12:15	[3] Armenian National Supercomputing Center: Bridging Science and Technology through High-Performance Computing	MIRZOYAN, Artashes

Tuesday 22 October 2024

Plenary Session - Conference Hall of YSU Scientific Council (09:30 - 10:40)

time	[id] title	presenter
09:30	[19] Sophisticated Techniques for Numerical Integration of Challenging Integrals: Extrapolation Methods and Asymptotics	SAFOUHI, Hassan
10:05	[20] Modelling Quantum Randomness	CALUDE, Cristian

Plenary Session - Conference Hall of YSU Scientific Council (11:05 - 12:50)

time	[id] title	presenter
11:05	[21] Dissipative search of unstructured database	ALLAHVERDYAN, Armen
11:40	[22] Artificial Intelligence Driven Automatic Adaptive Quadrature	ADAM, Gheorghe
12:15	[23] Offline Software and Computing for the SPD experiment	ZHEMCHUGOV, Alexey

Wednesday 23 October 2024

<u>Plenary Session</u> - Conference Hall of YSU Scientific Council (09:30 - 11:50)

time	[id] title	presenter
09:30	[24] Quantum-quasiclassical method for few-body process in atomic and nuclear physics	MELEZHIK, Vladimir
10:05	[36] Nanobioelectronics. Applications in information technologies.	LAKHNO, Victor
10:40	[26] Anonymous Computation Scheme for Robust Authentication in Self-Organizing UAV Swarms	ALAVERDYAN, Yeghisabet
11:15	[27] "GOVORUN" supercomputer for JINR tasks	ZUEV, Maxim

Thursday 24 October 2024

Plenary Session - Conference Hall of YSU Scientific Council (09:30 - 10:40)

time	[id] title	presenter
09:30	[30] JINR Participation in the construction and upgrade of CMS Experiment	KARJAVINE, Vladimir
10:05	[31] MPD software framework	ROGACHEVSKY, Oleg

Plenary Session - Conference Hall of YSU Scientific Council (11:05 - 12:50)

time	[id] title	presenter
11:05	[28] Event Reconstruction in High-Energy Physics Experiments	VOYTISHIN, Nikolay

Friday 25 October 2024

Plenary Session - Conference Hall of YSU Scientific Council (09:30 - 11:15)

time	[id] title	presenter
09:30	[141] SANC for higher calculation: application to $e^{+}e^{-}$-factories, $\gamma\gamma$-colliders, $pp(p\bar p)$-accelerators	KALINOVSKAYA, Lidia
10:05	[34] Lattice study of rotating QCD properties	BRAGUTA, Victor
10:40	[35] On classical and weakened solutions of the Cauchy problem for one class of nonlinear parabolic equations	KHACHATRYAN, Khachatur

Plenary Session - Conference Hall of YSU Scientific Council (11:40 - 13:25)

time	[id] title	presenter
11:40	[29] On Overcoming the Crisis of Particle Tracking in High-Luminosity Experiments using Deep Learning Methods	OSOSKOV, Gennady
12:15	[32] Computing Software Architecture for Distributed Processing of the BM@N Experiment Data	GERTSENBERGER, Konstantin
12:50	[37] Modeling the complexity of DNA damage and cell survival following the exposure of ionizing radiations with different characteristics	BUGAY, Aleksandr