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The 8th international conference on particle physics and astrophysics

Wednesday 28 October 2026

Facilities and advanced detector technologies: detectors1 (15:50-17:20)

time	[id] title	presenter
15:50	[95] SPRINT project at NICA	LADYGIN, Vladimir
16:10	[84] Cosmic muon flux measurements from mid-latitude to Antarctica with a novel nested plastic scintillator detector	Prof. SERTAC, Ozturk
16:30	[70] The "Neutron Beta Decay" installation for the reactor PIK	FOMIN, Alexey
16:45	[76] Ultracold neutron source based on superfluid helium for the PIK reactor	Mr. LYAMKIN, Vitaliy
17:00	[276] Development of two-phase emission detector technology for monitoring nuclear reactor cores using the effect of coherent elastic scattering of reactor neutrinos off nuclei	BOLOZDYNIA, Alexander

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Facilities and advanced detector technologies: detectors2 (09:05-11:00)

time	[id] title	presenter
09:05	[102] Development status of the Highly Granular Neutron Detector for the BM@N Experiment	FINOGEEV, Dmitry
09:25	[100] TIME-OF-FLIGHT CORRECTION METHOD FOR SETUPS WITH HEAVY CRYSTALS	ZHIGAREVA, Natalia
09:45	[40] ACTS-based reconstruction for a straw-tube forward tracker in MPD	BURMASOV, Nazar
10:00	[333] The new accelerator facility for applied research DC-140 FLNR JINR status	SEMIN, Vasiliy
10:15	[291] Exact Event Time Reconstruction for Time-of-Flight Particle Identification	YURCHENKO, Semyon
10:30	[344] Progress in the R&D of the ASHIPH counter based on silicon photomultipliers for the SND detector	EFREMOV, Robert
10:45	[319] Noble Element Simulation Technique (NEST): status and updates	Dr. KOZLOVA, Ekaterina

Facilities and advanced detector technologies: detectors3 (11:30-13:30)

time	[id] title	presenter
11:30	[377] Magnetic field compensation system for the Baksan large neutrino telescope	LUKANOV, Arslan
11:45	[60] CONCEPT OF THE MUON DETECTOR FOR THE SPASCHARM FACILITY AT THE U-70 ACCELERATOR COMPLEX OF THE NRC "KURCHATOV INSTITUTE" - IHEP	FAKHRUTDINOV, Rinat
12:00	[9] Longevity studies of the CMS cathode strip chambers with GIF++	Mr. KOZLOV, Dmitrii
12:15	[143] Using LHC real-time information for ALICE FT0 Operation during Run 3	SUKHANOV, Mikhail
12:30	[246] Electromagnetic calorimeter PHOS256 current status, performance on cosmic muons and simulation results	Mr. AVERYANOV, Dmitry
12:45	[61] Comparative analysis of signal time measurement from the wave-form.	KUZNETSOV, Andrei
13:00	[308] Comparison of the GCV method and a subjective optimality criterion in the problem of determining the velocity of a heavy ion using a semiconductor detector (PIN diode)	KALISH, Alina
13:15	[310] Estimation of the reliability of detecting linear point structures in two-dimensional distributions of experimental data based on the Hough transform	GUSEINOVA, Amina

Facilities and advanced detector technologies: detectors4 (17:00-20:00)

time	[id] title	presenter
17:00	[44] Pyroelectric accelerator with quasimonoenergetic electron production: current status and challenges	OLEINIK, Andrei
17:15	[256] Construction of a Cryogenic CsI(pure) Scintillation Detector Prototype for Low Energy Neutrino Registration	STRIZHAK, Alexander

17:30	[376] Studies of anomalously long-delayed afterpulses in vacuum photomultipliers	Dr. USHAKOV, Nikita
17:45	[278] Water Cherenkov Detector for Study of Wavelength Shifting Plates	SHVAREV, Nikita
18:00	[191] Study of the optical properties of the scintillator strip – WLS fiber system for the AGORA muon detector	Mr. GINYA, Eduard
18:15	[250] R&D plastic scintillator with pulse shape discrimination capability	Mr. KOZIN, Tikhon
18:30	[409] Characterization of argon recoils at the keV scale with ReD and ReD+	SANFILIPPO, Simone
18:45	[303] Determination of Ionization Yields for Recoil Nuclei in Argon	BAKULEV, Mikhail
19:00	[368] Slow control system at the RED-100 experiment	GALAVANOV, Andrei
19:15	[88] Charge-exchange straggling and correlated A–E reconstruction for heavy-ion isotope identification in silicon detectors	AZHAKIN, Andrei
19:30	[375] Proposal of Prompt Gamma-ray detection system for Boron Neutron Capture Therapy based on fast inorganic scintillators	Mr. KONOTOP, Alexey
19:45	[307] Energy-Transfer Mechanisms in Nd-Containing Perovskite Quantum-Dot Liquid Scintillators for Rare Nuclear Process Detection	Dr. KORNOUKHOV, Vasily