



# 57th meeting of the PAC for Condensed Matter Physics

## Thursday 15 June 2023

### 4. Reports on projects:: 4. Reports on projects: (10:20 - 18:10)

time	[id] title	presenter
10:20	[24] 4.1. Proposal for opening the new large infrastructure project "Pulsed neutron source and spectrometers"	LYCHAGIN, E.
10:30	[25] 4.1.1. Proposal for opening the subproject "Development of the IBR-2 facility with a complex of cryogenic neutron moderators"	LYCHAGIN, E.
10:55	[26] 4.1.2. Proposal for opening the subproject "The new advanced neutron source at JINR"	BULAVIN, M.
11:20	Coffee break	
11:35	[27] 4.1.3. Proposals for opening the subproject "Scientific and methodological research and developments for condensed matter investigations with IBR-2 neutron beams"	BODNARCHUK, V.
12:00	[28] 4.1.4. Proposal for opening the subproject "Investigations of functional materials and nanosystems using neutron scattering"	KOZLENKO, D.
12:25	[29] 4.2. Proposal for opening the new project "Nanobiophotonics"	ARZUMANYAN, G.
12:50	[30] 4.3. Proposal for extending the project "Novel semiconductor detectors for fundamental and applied research"	SHELKOV, G.
13:15	[31] 4.4. Proposal for extending the project "Precision laser metrology for accelerators and detector complexes (PLI)"	LYABLIN, M.
13:40	Lunch break	
15:00	[32] 4.5. Proposal for extending the project "Development of experimental techniques and applied research with slow monochromatic positron beams (PAS)"	SIDORIN, A.
15:25	[33] 4.6. Proposal for opening the project "Design and development of a test zone for methodological studies of detectors at the linear electron accelerator in DLNP"	ABOU EL-AZM, S.
15:50	Coffee break	
16:05	[34] 4.7. Proposal for opening the project "Protection against physical and chemical stresses with tardigrade proteins (TARDISS)"	ZARUBIN, M.
16:30	[35] 4.8. Proposal for opening the project "Molecular, genetic and organismal effects of ionizing radiation with different physical characteristics"	LOBACHEVSKY, P.
16:55	[36] 4.9. Proposal for opening the project "Radiation biophysics and astrobiology research"	CHIZHOV, A.
17:20	[37] 4.10. Proposal for opening the projects "Radiation tolerance of materials to high intensity heavy ion beams impact" and "Nanocomposite and functional track-etched membranes"	APEL, P.

17:45	[38] 4.11. Consideration of written proposals for opening or extending the projects "Methods of computational physics for the study of complex systems", "Complex materials", "Mathematical models of statistical physics of complex systems", "Nanostructures and nanomaterials", "Quantum field theory methods in complex systems"	NAGY, D. L. BELOV, O.
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