Programme Advisory Committee for Nuclear Physics 48th meeting, 19–21 June 2018

DRAFT PROGRAMME

Tuesday, 19 June 2018

- 12.30 Excursion to Sergiyev Posad (together with members of the PAC for Particle Physics)
- 19.00 Concert in the House of Scientists

Wednesday, 20 June 2018

International Conference Centre

10.00	1.	Opening of the meeting	M. Lewitowicz
	2.	Implementation of the recommendations of the previous meeting	M. Lewitowicz (20 min.)
10.25	3.	Information on the Resolution of the 123rd session of the JINR Scientific Council (February 2018) and on the decisions of the JINR Committee of Plenipotentiaries (March 2018)	M. Itkis (25 min.)
11.05	4.	Report on the concluding theme "Improvement of the JINR Phasotron and Design of Cyclotrons for Fundamental and Applied Research" and proposal for its extension <i>Referees: F. Piquemal, C. Petitjean, Guinyun Kim</i>	G. Karamysheva (20 min. + 5 min.)
11.30		Coffee break	
11.50	5.	Information on the concluding theme "Organization, Support and Development of the JINR Educational Programme" and on the opening of a new theme: "Organization, Support and Development of the JINR Human Resources Programme"	S. Pakuliak 20 min.
12.20	6.	Status of the Factory of Superheavy Elements and the quality control system for construction of the DC-280 cyclotron <i>Referees: S. Hofmann, M. Lewitowicz, Z. Vilakazi</i>	I. Kalagin (20 min. + 5 min.)
13.00		Lunch break	
15.00	7.	Commissioning and first results of the ACCULINNA-2 fragment separator <i>Referees: C. Beck, A. Korsheninnikov, E. Vardaci</i>	A. Fomichev (20 min. + 5 min.)
	8.	Status of the MAVR high-resolution magnetic analyser Referees: A. Maj, V. Ostashko, V. Nesvizhevsky	Yu. Penionzhkevich (20 min. + 5 min.)
	9.	Supercomputer "Govorun" — new prospects for heterogeneous computations in nuclear physics	D. Podgainy (20 min.)
16.30		Coffee break	

16.50 10. Scientific reports:

		10.1. "State-of-the-art and future prospects of neutron activation analysis at the IBR-2 reactor"	M. Frontasyeva (30 min.)		
		10.2. "Investigation of subsurface layers of solids with the help of charged particle beams accelerated at the EG-5 electrostatic generator"	A. Kobsev (20 min.)		
		10.3. "Appearance of quasifission in reactions of heavy-ion collisions"	A. Nasirov (25 min)		
18.20	11.	General discussion	(30 min.)		
19.00		Reception			
Thursday, 21 June 2018					
9.30	12.	Meeting of the PAC members with the JINR Directorate (closed discussion)			
10.00	13.	Poster presentations by young scientists	(40 min.)		
		Coffee break (together with poster presentations)			
		General conclusion on the poster presentations			
11.00		Closed session:			
	14.	Proposals for the agenda of the next PAC meeting			
	15.	Preparation of the PAC recommendations			
13.00	16.	PAC recommendations			
13.20	17.	Closing of the meeting			
19.00.		Concert in the House of Scientists			

Materials of the meeting are available at http://indico.jinr.ru