

Members of the PAC for Condensed Matter PhysicsIndependent members

P. Alexeev	—	RRC “Kurchatov Institute”, Moscow, Russia
P. Balgavý*	—	Comenius University, Bratislava, Slovakia
L. Bottyán*	—	KFKI, Budapest, Hungary
E. Burzo	—	University, Cluj-Napoca, Romania
F. Currell*	—	Queen’s University, Belfast, United Kingdom
G. Eckold	—	IPC, Göttingen, Germany
H. Fuess	—	IMB, Darmstadt, Germany
V. Kantser	—	ASM, Chisinau, Moldova
A. Kuzmin	—	ISSP, Riga, Latvia
D. Nagy	—	KFKI, Budapest, Hungary
G. Pépy	—	LLB, Saclay, France
V. Petrov	—	IMBP, Moscow, Russia
F. Spurný	—	NPI, Prague, Czech Republic
J. Wąsicki*	—	IP, Poznan, Poland

Ex officio members appointed from JINR

P. Apel	—	Deputy Head of Department, FLNR
O. Belov	—	Scientific Secretary of the PAC
A. Belushkin	—	Director, FLNP
E. Krasavin	—	Director, LRB
V. Osipov	—	Deputy Director, BLTP

Invited experts

Ch. Vettier	—	ILL, Grenoble, France
S. Petrović	—	University, Belgrade, Serbia

* was not present at this meeting

18 January 2010

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| 1. Opening of the session | V. Kantser |
| 2. Implementation of the recommendations of the 30th PAC meeting | V. Kantser |
| 3. Information on the Resolution of the 106th session of the JINR Scientific Council (September 2009) and on the decisions of the JINR Committee of Plenipotentiaries (November 2009) | M. Itkis |
| 4. Information of the JINR Directorate on the activities related to the International Innovative Nanotechnology Centre for CIS countries | A. Ruzaev |
| 5. Report on the concluding theme "Information, computer and network support of JINR's activity" (05-6-1048-2003/2010) and proposal for its extension for the period 2011–2013 | V. Ivanov |
| 6. Report on the concluding theme "Mathematical support of experimental and theoretical studies conducted by JINR" (05-6-1060-2005/2010) and proposal for its extension for the period 2011–2013 | Gh. Adam |
| 7. Radiation research at LRB | G. Timoshenko |
| 8. Scientific report "Combined action of ultraviolet (UV-B) and γ -radiation as an escalating risk factor for cataract formation in mice" | K. Muranov |
| 9. Scientific report "First-principle simulations of structure and properties of metallic glasses" | V. Kazimirov |
| 10. Scientific report "The Casimir effect for existing and new materials" | I. Pirozhenko |
| 11. Information on the II Advanced Courses for CIS countries "Synchrotron and Neutron Studies of Nanosystems (SYN-nano-2009)" (29 June – 30 July 2009, Dubna–Moscow) | N. Ryabova |
| 12. Information on the all-Russian scientific school for youth "Modern Neutronography: Interdisciplinary Studies of Nanosystems and Materials" (12–20 October 2009, Dubna) | A. Khokhryakov |
| 13. Visit to the IBR-2 reactor | |

19 January 2010

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| 14. Report on the concluding theme “Upgrade of the IBR-2 complex” (04-4-0851-87/2010) | A. Vinogradov |
| 15. Proposal of a new theme: “Development of the IBR-2M reactor with a complex of cryogenic neutron moderators” for the period 2011–2013 | A. Belushkin |
| 16. Reconstruction of beam line 7A of the IBR-2M reactor for the diffractometers EPSILON-MDS and SKAT | Ch. Scheffzuek |
| 17. Project of the new multifunctional reflectometer GRAINS with a horizontal sample plane at the IBR-2M pulsed reactor: status report | M. Avdeev |
| 18. Overview of the research of nanosystems at FLNP | D. Kozlenko |
| 19. Fabrication and investigation of nanostructured materials using accelerated heavy-ion beams | P. Apel |
| 20. Scientific report “Complementarity of neutron and synchrotron research” | Ch. Vettier |
| 21. Poster session of FLNP, FLNR, and BLTP | |
| 22. General conclusion on the FLNP, FLNR, and BLTP poster session | T. Tropin |
| 23. General discussion | |
| 24. Proposals for the agenda of the next PAC meeting | |
| 25. PAC recommendations | |
| 26. Closing of the meeting | |