

19:00 Welcome party

Programme

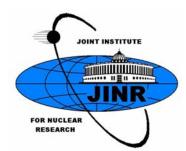
2nd South Africa – JINR Symposium





BLTP Conference Hall, 2nd floor Wednesday, September 8, 2010

8:45-9:15 Registration (BLTP) 9:15-9:30 Opening: Victor Voronov and Sofianos Antoniou Sofianos Few-Body I: chairman: Sofianos Antoniou Sofianos _____ 9:30 Sergei Anatoljevich Rakitianski (UP) 25' Power-series expansion of the multi-channel Jost matrix 10:00 Elena Kolganova (BLTP), 25' Three-body systems within three-dimensional Faddeev equations. 10:30 Andrej Naumkin (BLTP), 15' A new method of description of 3-particle Coulombic systems 10:50-11:20 Coffee break Hadron spectrometry: chairman: Sergo Gerasimov -----11:20 Sofianos Antoniou Sofianos (UNISA) Few body methods for Bose-Einstein condensate 11:50 Nikolaj Kochelov (BLTP) 25' Exotic hadrons 12:20 Alexander Dorokhov (BLTP) 25' Transition form factors of pesudoscalar mesons: theory vs experiment. 12:50-15:00 Lunch Nuclear reactions I: chairman: Rostislav Jolos ______ 15:00 Dmitrij Kamanin (FLNR) Multi-cluster decays of heavy nuclei. 15:30 Andrey Denikin (FLNR) 25' Network based knowledge system on nuclear reactions. 16:00-16:30 Coffee break Nuclear Structure I: chairman: Rashid Nazmitdinov 16:30 Walter Dieter Heiss (SU) 25' Onset of Chaos in Transitional Regions of Quantum Mechanical Phase Transitions 17:00 Fedor Simkovic (BLTP) 25' Nuclear structure and Double Beta Decay 17:30 Sergei Ershov (BLTP) 25' Novel method for solution of the coupled Scroedinger equations 18:00 Elena Rogochaya (BLTP) 15' Covariant relativistic separable kernel approach for the electrodisintegration of the deuteron at high momentum transfer



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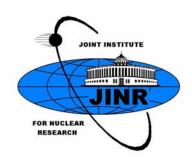




BLTP Conference Hall, 2nd floor Thursday, September 9, 2010

Few Body II: chairman: Vladimir Belyaev -----9:30 Mantile Leslie Lekala (UNISA) Charmonium states 10:00 Anastasiya Malykh (BLTP) 25' Three two-component particles with zero-range interactions under one-dimensional confinement 10:30 Prince Olusegun Gbenga Ogunbade (UP) S-matrix parametrization as a way of locating quantum resonances and bound states: multichannel case. 10:50-11:20 Coffee break Nuclear reactions II: chairman: Dmitrij Kamanin _____ 11:20 Vrastislav Chudoba (FLNR) 25' Study of exotic nuclei 11:50 Alexander Andreev (BLTP) 15' Description of Light Charged Particle Emission in Ternary Fission 12:10 Shuhrat Kalandarov (BLTP) 15' Evaporation residues cross sections in heavy ion collisions 12:50-15:00 Lunch Nuclear structure II: chairman: Walter Dieter Heiss _____ 15:00 Shaun Metzler Wyngaardt (SU) 25' Self consistant microscopic nuclear cluster models. 15:30 Werner August Richter (UWC) 25' Properties of Mg-26 and Si-26 in the sd shell model and the determination of the Al-26(p,gamma) Si-26 reaction rate. 16:00 Maciej Andrzej Stankiewicz (iTHEMBA) Octupole bands in the mass 160 region 16:20 Timur M. Shneydman (BLTP) 15' 16:40-17:00 Coffee break

Closing



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Friday, September 10, 2010

09:00-12:00 Excursion to the JINR laboratories

13:00-14:00 Lunch

14:30 Volga Boat Trip

Saturday, September 11, 2010

8:30 Excursion to Moscow