

September 2, 2008

Participants and talks

1. M. G. Abrahamian (YSU),
"Vortical Mechanism of Generation of the Jets"
2. G. B. Alaverdyan (YSU),
"Scalar-isovector delta meson in RMF theory and the quark deconfinement phase transition in neutron stars"
3. Mark Alford (St. Louis),
"Flux tubes and the type-I/II superconducting transition"
4. R. A. Avakyan, G. H. Harutyunyan, E. V. Chubaryan, (YSU),
"The Role of Conform-Connected Scalar Field in Cosmology."
5. R. A. Avakyan, G. H. Harutyunyan, A. Piloyan, (YSU),
"About Definite Conform Analogs of Jordan-Brans-Dicke Theory."
6. A. K. Avetissian, (YSU)
"The Spontaneous Breakdown of the Quantum Symmetry as a Gallatic Scale Energy Source"
7. G. Bisnovaty-Kogan (Moscow),
"Binary radiopulsar, as a laboratory of fundamental physics"
8. David Blaschke (Wroclaw),
"Color Superconductivity in Compact Stars (preliminary)"
9. Erich Gaertig (Tuebingen),
"Oscillations of fast rotating stars"
10. L. Sh. Grigorian (YSU),
"Models of Superdense Celestial Bodies with Masses larger $M_{\odot}$ "
11. Pavlo Grygorov (Tuebingen),
"The dynamical properties of the crust of neutron star"
12. Anahit Harutyunyan, Yuri Vardanyan (YSU),
"On superdense stars containing strange quark matter"
13. Jerome Margueron (Orsay),
"Superfluid properties of the neutron star crust"
14. A. L. Mkhitarian, A. A. Saharian (YSU),
"Vacuum Polarization by a Thick Brane in Anti-de Sitter Spacetime"
15. Sergey Moiseenko (Moscow),
"Magnetorotational core collapse supernovae",

16. Dong Lai (Cornell),
"The Surface and Magnetosphere of Highly Magnetized Neutron Stars:
Recent Progress on Theory and Observations"
17. Bennett Link (Montana),
"Dynamics of Quantum Vorticity in a Random Potential"
18. Sergei B. Popov (Moscow),
"Evolution of isolated neutron stars: young coolers and old accretors."
19. Luciano Rezzolla (Potsdam-Golm),
"Modelling the inspiral and merger of binary neutron stars"
20. Gerd Roepke (Rostock),
"Cluster Formation in Nuclear Matter"
21. Misak Sargsian (Miami),
"Nuclear Forces at Short Distances and Stability of Neutron Stars"
22. A. A. Saharian (YSU),
"Vacuum Quantum Effects in Higher-Dimensional Cosmological Models"
23. D. M. Sedrakian (YSU) R. A. Krikorian (Paris),
"Covariant Formulation of the Dynamical Equations of Quantum Vortices in Type-II Superconductors".
24. D. M. Sedrakian, K. M. Shahabassian, (YSU) D. Blaschke, (Wroclaw)
M. K. Shahabassian, (YSU)
"Vortex Structure of the Neutron Star with CFL quark core."
25. D. M. Sedrakian, A. A. Sadoyan, M. V. Hayrapetyan, (YSU)
"Gravitational Wave Sources in Medium Frequency Band."
26. Hans-Joseph Schulze (Catania),
"Neutron star structure with modern nucleonic three-body forces"
27. Yu. L. Vartanyan, G. S. Hajyan, A. K. Grigoryan, T. R. Sargsyan,
(YSU)
"The Strange Stars. Stability and Observational Manifestation."
28. Daniel Zablocki (Wroclaw),
"BEC-BCS crossover in strongly interacting matter"