

Workshop



Institutul Național
de Fizică și Inginerie Nucleară
Horia Hulubei



Pairing Correlations in Strongly Interacting Fermi Systems: from Nuclei to Neutron Stars

9.00-9.30 Setting the stage: problematics and open issues,
N. Sandulescu, IFIN-HH Bucharest

9.30-10.45 Astrophysical consequences of nuclear pairing: cooling and giant glitches
in neutron stars (overview), P. Pizzochero, University of Milano

10.45 - 11.00 Coffee break

11.00-12.15 Pairing correlations, Cooper pairs and exactly solvable pairing models
(overview), J. Dukelsky, CSIC- Madrid

12.15 - 12.30 Coffee break

12.30-13.15 Pairing and quarteting in nuclei, D. Delion, IFIN-HH Bucharest

13.15 - 14.30 Lunch break

14.30- 15.15 Pairing correlations in nuclei: the multiparticle-multihole approach,
N. Pillet, CEA-Bruyeres-le-Chatel

15.15 - 15.30 Discussions & Coffee Break

15.30-16.15 Dynamical treatment of blocking in superfluid nuclei,
M. Mirea, IFIN-HH Bucharest

16.15 - 16.30 Discussions & Coffee Break

16.30-17.15 BCS-type solution for chiral symmetry breaking in quark droplets,
V. Baran, IFIN-HH and University of Bucharest

17.15 - 17.30 Discussions & Coffee Break

17.30-18.00 Concluding remarks

25 September 2008, ora 9⁰⁰, Sala de consiliu, Bloc Turn, etaj 9