

Mini-workshop on “New achievements in Gamow-Teller nuclear transitions and decays”

Department of Physics, University of Milano
November 18th, 2014
venue: Sala Consiglio

- 14.30-14.35 Introduction (G. Colò, Milano)
14.35-15.10 Spin-isospin effective interactions in very neutron-rich light nuclei studied by $^8\text{He}, ^{12}\text{Be}(p,n)$ reactions (H. Sakai, RIKEN, Japan)
15.10-15.45 New energy density functionals for a better description of charge-exchange resonances (X. Roca-Maza, Milano)
15.45-16.20 Spin-triplet pairing and Gamow-Teller excitations in $N=Z+2$ nuclei (H. Sagawa, U. Aizu and RIKEN, Japan)
16.20-16.50 Coffee break
16.50-17.25 Experimental beta-decay studies at Milano (A. Morales, Milano)
17.25-18.00 Particle-vibration coupling effect on the beta-decay of magic nuclei (Y. Niu, CAEP, Mianyang, China and Milano)
18.00-18.30 Final discussion

Each talk is 30' (plus 5' discussion).