

**List of the approved proposals
2nd cycle 2004**

- 04/21** *Precision measurements of lifetimes in ^{74}Kr using the Recoil-Distance Doppler Shift method* (A. Goergen)
6 days (Tandem)
- 04/22** *Decay of $^{24}\text{Mg}+^{24}\text{Mg}$ resonances and associated ^{48}Cr molecular states* (F. Haas)
6 days (Tandem)
- 04/23** *Entrance channel effects in capture reactions in the heavy and super heavy regions* (L. Stuttgé/A. Bracco)
7 days (ALPI)
- 04/24** *Collective and symmetry studies around the ^{170}Dy valence maximum* (P. Regan)
6 days (ALPI)
- 04/25** *Commissioning of the EXOTIC apparatus for the production of a ^{17}F exotic beam and break up cross section measurement of ^{17}F onto a ^{208}Pb target around the Coulomb barrier* (M. Sandoli)
7 days (Tandem)
- 04/26** *Trapping of radioactive francium atoms with magneto-optical trap* (R. Calabrese/L. Corradi)
3 days (Tandem)
- 04/29** *Lifetime measurement of high spin states in ^{104}Sn* (M. Gorska)
8 days (Tandem)
- 04/30** *Isospin mixing and isospin breaking in the $A=35$ mirror nuclei* (R. du Rietz)
6 days (Tandem)
- 04/31** *Study of transition rates and nuclear structure changes in mirror nuclei ^{49}Mn and ^{49}Cr* (D. Tonev)
3 days (Tandem)
- 04/33** *New spectroscopy south-west of ^{132}Sn : quenching of the $N=82$ shell gap for neutron-rich nuclei?* (R. Chapman)
7 days (Tandem)
- 04/38** *Test of the $X(5)$ symmetry in the $A=180$ mass region* (A. Dewald)
5 days (Tandem)