

**List of the approved proposals
2nd cycle 2003**

- 03/28** *Study of shell model states in neutron-rich nuclei located in the region of doubly-magic ^{48}Ca* (R. Broda)
6 days (ALPI)
- 03/29** *Spectroscopy of deformed neutron-rich $A \sim 60$ nuclei* (S. Lenzi/S. Freeman)
7 days (ALPI)
- 03/30** *Nuclear spectroscopy of neutron-rich nuclei in the mass region $A \sim 80$*
(G. Duchêne/G. de Angelis)
8 days (ALPI)
- 03/31** *The role of nuclear viscosity in the fission process of the ^{168}Y composite system*
(G. La Rana)
11 days (Tandem, ALPI)
- 03/33** *Fusion hindrance near the Coulomb barrier: measurements for $^{48}\text{Ca} + ^{144,154}\text{Sm}$ and $^{16}\text{O} + ^{186}\text{W}$ at high compound nucleus excitation energies* (M. Trotta)
7 days (Tandem, ALPI)
- 03/34** *Search for excited states in neutron-rich ^{37}P and ^{39}P using deep-inelastic processes*
(Liang Xiaoying)
- 03/53** *Medium-spin spectroscopy of Ne, Mg, and Si neutron rich isotopes using the CLOVER ARRAY with PRISMA* (F. Azaiez)
6 days (ALPI)
- 03/37** *Fission dynamics in the superheavy mass region studied by fragment mass-energy correlation* (S. S. Kapoor/M. Cinausero)
10 days (ALPI)
- 03/39** *Thermodynamical coordinates of excited nuclear systems: $^{40,48}\text{Ca} + ^{58,64}\text{Ni}$ and $^{40}\text{Ca} + ^{58}\text{Fe}$ reactions* (M. Bruno)
10 days (ALPI)
- 03/40** *Investigation of neutron-rich Ca and Ti isotopes: new subshell gaps at $N=32$ and $N=34$*
(S. Lunardi)
9 days (ALPI)
- 03/42** *Pair transfer effects in $^{90}\text{Zr} + ^{208}\text{Pb}$* (L. Corradi)
4 days (ALPI)
- 03/43** *Neutron pick-up reactions of ^{40}Ca on closed and semi-closed shell nuclei* (S. Szilner)
3 days (Tandem)
- 03/45** *Commissioning of the Clover array+PRISMA setup* (A. Gadea)
7 days (Tandem)

03/46 *Energy response of CsI(Tl) scintillators of the forward RING counter coupled to GARFIELD apparatus* (M. Bruno)
3 days (Tandem)

03/47 *Production of a ^{17}F exotic beam* (M. Sandoli)
6 days (Tandem)

03/50 *Trapping of radioactive francium atoms* (R. Calabrese/L. Corradi)
8 days (Tandem)

03/52 *Static electric quadrupole moments for high-spin spherical and deformed states in $^{191,192}\text{Pb}$*
(M. Ionescu-Bujor)
8 days (Tandem)

