

Beam time days assigned by PAC for experiments to be performed at
Tandem-ALPI-PIAVE Accelerator complex
machine period October 2010 - March 2011

INFN-LNL July 22-23, 2010

PAC n.	Acronym	Title	Spokesperson	Institution	Beam time	
					requested	allotted
30	AGATA136TE	RDDS lifetime measurement in the region of the neutron-rich doubly magic ^{132}Sn : Lifetime of the 6+ state in ^{136}Te .	Gadea Andres	CSIC-Instituto de Fisica Corpuscular	8 Tandem+PIAVE	8 Tandem+PIAVE
32	CASLEAD	Towards understanding the transition from transfer to energy dissipation in reactions of Sulphur-32 and Calcium-40 with Lead-208	Evers Maurits	Australian National University	8 Tandem-XTU	8 Tandem-XTU
34	FIESTA	Clustering effects in 48Cr composite nuclei produced via 24Mg + 24Mg reactions	La Rana Giovanni	INFN and Dipartimento di Scienze Fisiche dell'Università di	4 Tandem-XTU	4 Tandem-XTU
36	FRANCIUM	Trapping of Radioactive Francium Atoms with a Magneto-Optical Trap	Calabrese Roberto	University of Ferrara and INFN	8 Tandem-XTU	2 Tandem-XTU
37	fus4040	Completing the measurement of 40Ca + 40Ca fusion at very low energies	Stefanini A.M., Jiang C.L.	INFN-LNL - Phys. Div. ANL, USA	3 Tandem-XTU	5 Tandem-XTU
38	ne21	Confirmation of the molecular structure of excited bands in 21Ne	Wheldon Carl	University of Birmingham	5 Tandem-XTU	5 Tandem-XTU
40	NRZ38	Development of the nuclear structure of neutron-rich isotopes in the Z~38 region populated by heavy-ion induced fission	Merchan Edana	GSI Helmholtzzentrum fur Schwerionenforschung GmbH, Germany	10 Tandem+PIAVE	10 Tandem+PIAVE
41	PLUNGER-N-51	Structure beyond the N=50 shell closure in neutron-rich nuclei in the vicinity of 78Ni: The case of N=51 nuclei	Verney David	IPN Orsay CNRS-University Paris Sud-11	14 Tandem+ALPI	10 Tandem+ALPI
44	SDPFlifetimes	Lifetimes of intruder states in N ~ 20 sd-pf-shell neutron-rich nuclei	Chapman Robert	University of the West of Scotland	8 Tandem+ALPI	8 Tandem+ALPI
					Tot.	60