

**Beam time days assigned by PAC for experiments to be performed at
Tandem-ALPI-PIAVE Accelerator complex for the period March - July 2011**

INFN-LNL March 3-4, 2011

PAC N.	Acronym	Title	Spokesperson	Institution	Beamtime	
					request	allotted
5	AGATARadiumThorium	Characterization of new structures in octupole-deformed radium and thorium nuclei	Smith John Francis	University of the West of Scotland	5 Tandem XTU	5 Tandem XTU
7	CORSET	In-beam test of the new 8pLP-CORSET Time-Of-Flight Spectrometer for fission fragments	Vardaci Emanuele	Università di Napoli - INFN NA	2 Tandem XTU	2 Tandem XTU
8	EXPADES	Measurement of the reaction cross section for the system $^{170}\text{O} + ^{58}\text{Ni}$ in the frame of the detector array EXPADES commissioning	Mazzocco Marco	University of Padova and INFN-Sez. Padova	3 Tandem XTU	3 Tandem XTU
9	FRANCIUM	Trapping of Radioactive Francium Atoms with a Magneto-Optical Trap	Calabrese Roberto	University of Ferrara and INFN	8 Tandem XTU	2 Tandem XTU
11	garf-comm	Commissioning of the GARFIELD device	D'Agostino Michela	Dipartimento di Fisica and INFN Bologna	3 Tandem XTU	3 Tandem XTU
16	PRISMA-FPD	In-beam tests and commissioning of the electronics for the new STOP detector of the PRISMA spectrometer	Fioretto Enrico	INFN - Laboratori Nazionali di Legnaro	2 Tandem XTU	2 Tandem XTU
17	sbt_nisn	Near and sub-barrier transfer reactions in $^{60}\text{Ni} + ^{118}\text{Sn}$	Montanari Daniele	Università degli Studi e INFN Padova	5 Tandem XTU	5 Tandem XTU
Tot. days requested: 84					Tot. days approved 22	

RESERVE LIST (tot. 42)

PAC N.	Acronym	Title	Spokesperson	Institution	Beamtime	
					request	allotted
2	AGALIF	Lifetime measurements with the AGATA demonstrator at LNL	Valiente Dobon Jose Javier	INFN-LNL	2 Tandem XTU	(2) Tandem XTU
4	agata78sr	Insight into the shape coexistence of ^{78}Sr	Domingo-Pardo Cesar	IFIC, Valencia, Spain	5 Tandem XTU	(5) Tandem XTU
6	BORON	$^{8}\text{B} + ^{28}\text{Si}$ total reaction cross sections at near barrier energies	Pakou Athena	University of Ioannina	7 Tandem XTU	(7) Tandem XTU
10	fusion3248	Fusion of $^{32}\text{S} + ^{48}\text{Ca}$ far below the barrier: is there a maximum of the S-factor?	Stefanini Alberto/ Jiang Cheng Lie	INFN-LNL/Phys. Division ANL	8 Tandem XTU	(8) Tandem XTU
12	ISOFUS	Influence of the isospin on Ca + Ni fusion reactions at energies above the fusion barrier	Courtin Sandrine	IPHC (Institut Pluridisciplinaire Hubert Curien)	5 Tandem XTU	(5) Tandem XTU
13	Isomix11	Isospin Mixing in the N=Z Nucleus ^{80}Zr at medium temperature	Giaz Agnese	INFN Milano - Università degli studi Milano	9 Tandem XTU	(9) Tandem XTU
18	SymEnergy	Exploring the temperature dependence of the symmetry energy in fusion-evaporation reactions	La Rana Giovanni	Università di Napoli	6 Tandem XTU	(6) Tandem XTU