

PROGRAM

Thursday, November 12

14:10 Welcome Addresses: **G. Paolisso** (*Rector of the Second University of Napoli*)
G. La Rana (*Director of the INFN Division of Napoli*)
A. Bracco (*NuPECC Chair*)

Chairperson: **A. Bracco** (*Milano - Italy*)

14:30	G. de Angelis (<i>LNL - Italy</i>)	Physics programs at SPES
15:00	M. Wiescher (<i>Notre Dame - USA</i>)	Introduction to experimental nuclear astrophysics
15:30	G. Martínez Pinedo (<i>Darmstadt - Germany</i>)	Stellar explosive nucleosynthesis: interesting measurement that could be done at SPES
16:00	R. Reifarth (<i>Frankfurt - Germany</i>)	The nuclear astrophysics program at GSI

16:30-17:00 Coffee Break

Chairperson: **M. Aliotta** (*Edinburgh - UK*)

17:00	B. Bastin (<i>GANIL - France</i>)	The nuclear astrophysics program at GANIL-SPIRAL2
17:30	A. Musumarra (<i>LNS - Italy</i>)	Nuclear Astrophysics at n_ToF
17:50	C. Spitaleri (<i>LNS - Italy</i>)	Recent results and perspectives with the Trojan Horse Method
18:10	B. Fernández-Domínguez (<i>Santiago de Compostela - Spain</i>)	Direct reactions with exotic nuclei in the r-process using an active target
18:30	Session close	
20:00	Dinner speech "The dark side of the Universe" by M. Capaccioli (<i>Napoli - Italy</i>)	
20:30	Social Dinner	

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Chairperson: **A. Tumino** (*Enna - Italy*)

09:00	G. Prete (<i>LNL - Italy</i>)	Status of the SPES project
09:30	A. Aprahamian (<i>Notre Dame - USA</i>)	The facility for rare isotope beams and the r-process
10:00	T. Motobayashi (<i>RIKEN - Japan</i>)	The nuclear astrophysics program at RIKEN
10:30	O. Straniero (<i>INAF - Italy</i>)	Stars and stardust: astrophysics at SPES

10:50-11:20 Coffee Break

Chairperson: **S. Cherubini** (*Catania - Italy*)

11:20	G. Benzoni (<i>Milano - Italy</i>)	Beta-Decay Spectroscopy at SPES
11:35	D. Mengoni (<i>Padova - Italy</i>)	Direct reactions at SPES to probe: Nuclear magicity at $Z \sim 50$ and $N \sim 82$, NN Pairing and Neutron capture cross section via the surrogate method
11:50	L. Gialanella (<i>Caserta - Italy</i>)	Low-energy projects at SPES
12:10	C. Broggini (<i>Padova - Italy</i>)	LUNA experiment – status and perspectives
12:30	G. Fiorentini (<i>LNL - Italy</i>)	SPES, from stars to medicine

13:00 Closing remarks: **M. Taiuti** (*Gevova, Italy*)
F. Terrasi (*Caserta, Italy*)

13:15 Light lunch