



Fifth International Workshop for the Design of the ANDES Underground Laboratory

← Towards the ANDES laboratory flag-ship and further experiments

Buenos Aires, Argentina
29 - 30 June 2017

The scientific schedule is the following, including presentations about underground laboratories, neutrinos, dark matter, and biology, geophysics and other topics. Talks are 30 min, including questions:

Thursday June 29

8:00	Transportation to UNSAM campus from Hotel Etoile	
8:45-9:00	Registration at auditorio Tanque, UNSAM	
Time	Title	Speaker
9:00-9:30	Welcome talk	L. Barañao, <i>Science & Technology Minister</i> O. Calzetta, <i>CNEA president</i> J.C. Ortiz Andino, <i>EBITAN</i> C. Ruta, <i>UNSAM rector</i>
9:30-10:00	The ANDES Underground Laboratory	C. Dib, <i>CLES Chile</i>
10:00-10:30	The LNGS infrastructure: experience from 30 years of exploitation. Future	S. Ragazzi, <i>Director LNGS</i>
10:30-11:00	The SNOLAB infrastructure.	N. Smith, <i>Director SNOLAB</i>
11:00-11:30	Coffee break	
11:30-12:00	Astroparticle physics in underground labs: a survey and future needs	A. Masiero, <i>Chair APPEC</i>
12:00-12:30	ANDES: in search of new physics	O. Civitarese, <i>CLES Argentina</i>
12:30-14:00	Lunch provided at UNSAM	
14:00-14:30	Status of the neutrino double-beta decay	F. Ferroni, <i>INFN president</i>
14:30-15:00	Search for neutrinoless double beta decay with a high pressure xenon TPC	R.M. Gutiérrez, <i>UAN</i>

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15:00-15:30 A detector for solar and underground neutrinos: the Borexino scintillator story. M. Pallavicini, *INFN*

15:30-16:00 Coffee break

16:00-16:30 Accelerator for stellar reactions G. Imbriani, *INFN*

16:30-17:00 Geoneutrino Measurement at a proposed ANDES 3 kt Liquid Scintillator Detector B. Roskovec, *PUC*

17:00-18:00 Transportation to Hotel Etoile

20:00 Workshop dinner at Puerto Madero

Friday June 30

8:00 Transportation to UNSAM campus from Hotel Etoile

8:45-9:00 Reception at auditorio Tanque, UNSAM

Time	Title	Speaker
9:00-9:30	Dark Side, Dark Matter with Ar	C. Galbiati, <i>DarkSide spokesperson</i>
9:30-10:00	Dark Matter Searches with Xe	E. Aprile, <i>Xenon spokesperson</i>
10:00-10:30	Low threshold crystal detectors	K. Eitel, <i>KIT</i>
10:30-11:00	Coffee break	
11:00-11:30	Directional Dark Matter search	D. Santos, <i>LSC</i>
11:30-12:00	the DAMIC experiment	C. Bonifazi, <i>UFRJ</i>
12:00-12:30	Particle detector labs in UTFSM	H. Hakobyan, <i>USM</i>
12:30-14:00	Lunch provided at UNSAM	
14:00-14:30	The underground biology at the INFN Gran Sasso National Laboratory	M.A. Tabocchini, <i>ISS</i>
14:30-15:00	The Andes laboratory: Contributions from Seismology and geophysics	A. Rietbrock, <i>Liverpool</i>
15:00-15:30	Earthquake Science	M. Martini, <i>INGV</i>
15:30-16:10	Aspects of Earth science	U.A. Glasmacher, <i>Heidelberg</i>
16:10-16:40	Coffee break	
16:40-17:40	Round table and conclusions	
17:40-18:30	Transportation to Hotel Etoile	

