

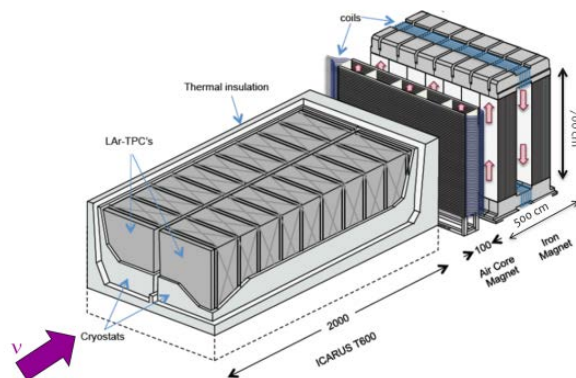


GRUPPO2



CDS LUGLIO 2015

IVAN DE MITRI



Suddivisione attuale in linee scientifiche

Dal sito della CSN2: la tabella seguente mostra la suddivisione del **bilancio 2015** per le diverse **linee scientifiche** di pertinenza della CSN2.

Fisica di neutrino (principalmente ai LNGS)	17.8%
Misure di processi rari (principalmente ai LNGS)	20.0%
Studio della radiazione cosmica in superficie e nelle profondita' marine	24.2%
Studio della radiazione cosmica nello spazio	18.0%
Ricerca di onde gravitazionali	10.6%
Fisica generale	9.4%

Gruppo di Lavoro per la Programmazione Scientifica (GPLS)

Pierluigi BELL
Ivan DE MITRI
Rosario DE ROSA
Giuseppe RUOSO
Piera SAPIENZA

CSN2 – Presidenza 26,27 Gennaio 2015

Macro-Areas



Radiations from the
Universe

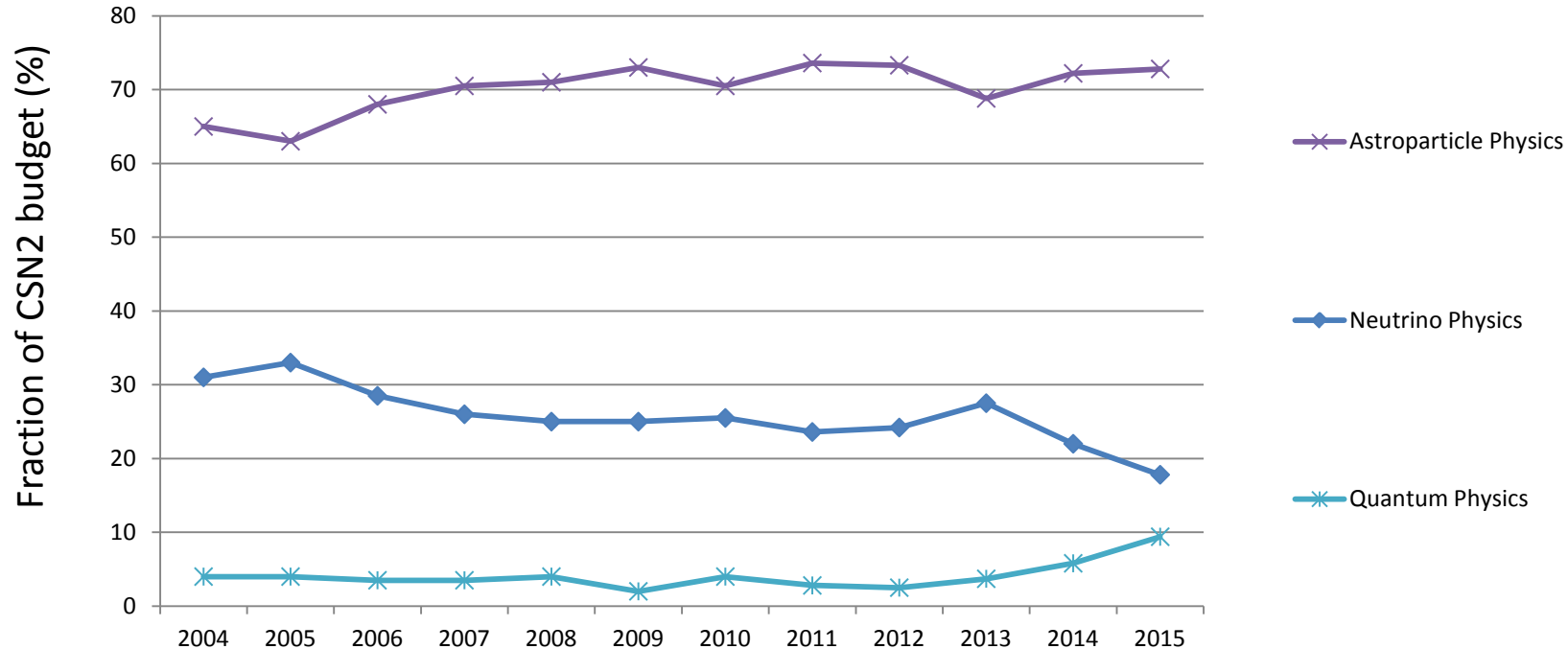
Neutrino Properties

The Dark Universe

Gravity and
Quantum Physics

Nomina sunt consequentia rerum

1. Astroparticle and Neutrino physics
2. Non accelerator and Neutrino physics
3. Astroparticle, Neutrino, and Non-accelerator physics
4. Astroparticle, Neutrino, and Fundamental tests
5. Astroparticle, Neutrino, and General Physics
- 6. Astroparticle, Neutrino, and Quantum Physics**
7.



Attività di Gruppo2 @ LE

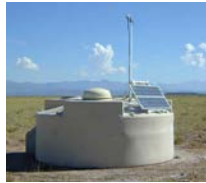
■ ARGO-YBJ

(2013 end of DAQ, no sigla dal 2015)



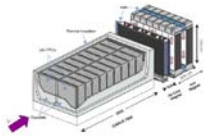
■ AUGER

(proposta beyond 2015)



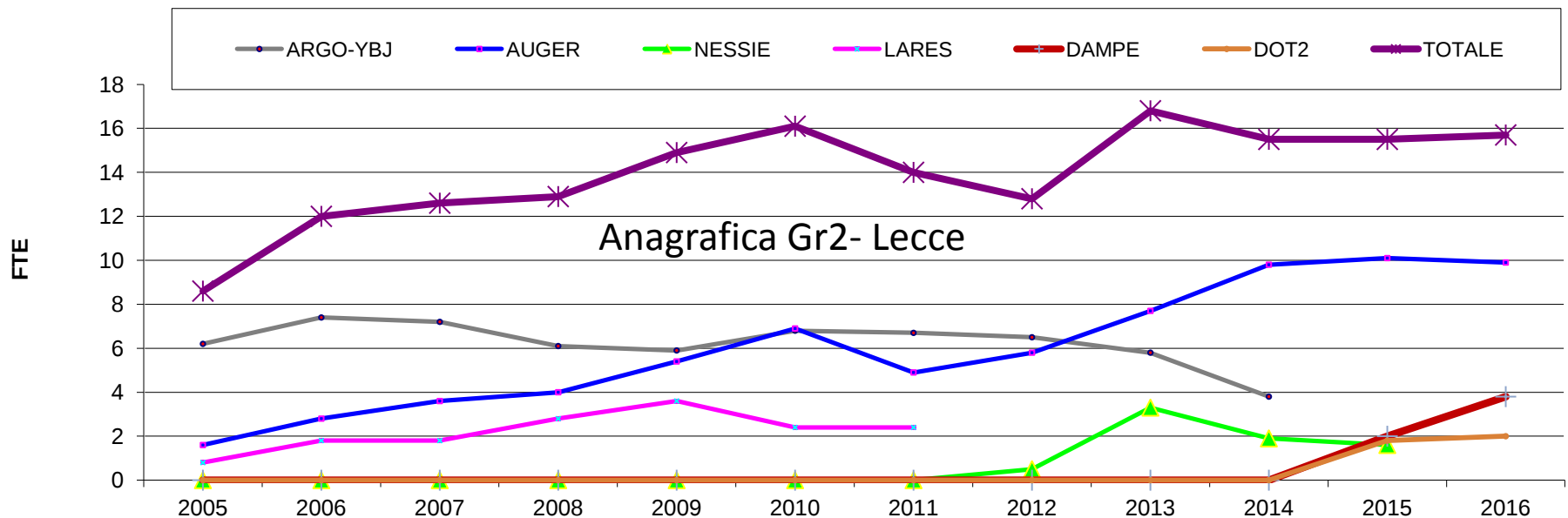
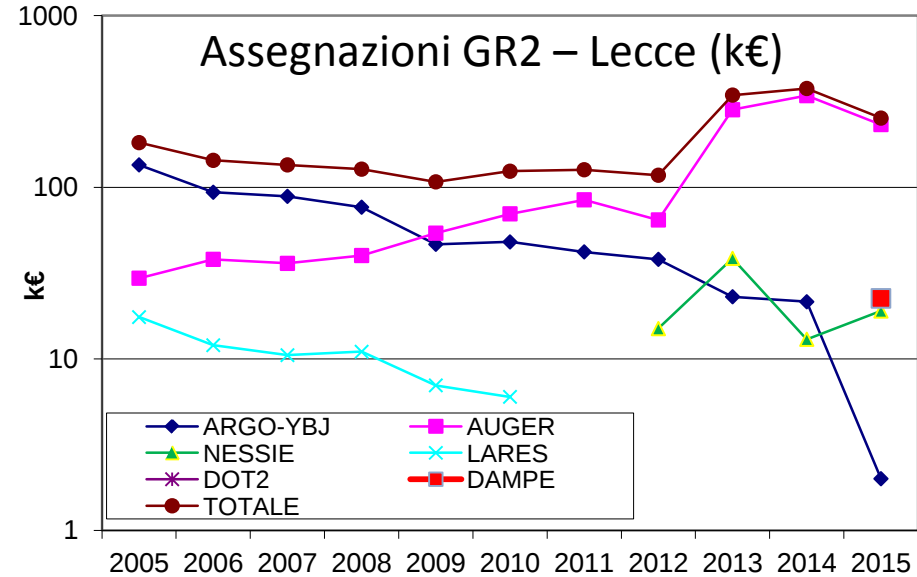
■ NESSiE

(no sigla dal 2016)



■ DAMPE

(sigla dal 2015, test beam, lancio a dic.)



Attività di Gruppo2 @ LE 2016

	AUGER	DAMPE	DOT-2	Totale gr2
bleve carla	100			100
bernardini paolo		100		100
cataldi gabriella	100			100
creti pietro	100			100
d'amico stefano	70			70
de mitri ivan	60	40		100
donno andrea	100			100
mancarella giovanni			100	100
marsella giovanni	60	40		100
martello daniele	100			100
panetta maria paola			100	100
perrone lorenzo	100			100
strafella francesco	100			100
surdo antonio		100		100
totale	8,9	2,8	2	13,7

Viviana Scherini	100			
Assegno di Ricerca		100		
Maria Rita Coluccia	100			

SciNeGHE 2014

10th Workshop on
Science with the New Generation of High Energy Gamma-ray Experiments
Fundamental physics with high energy cosmic gamma rays

Lisbon, June 4-6, 2014

Local Organizing Committee (LOC)

Pedro Abreu (IST Lisboa and LIP Lisboa), chair
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Y. Wang (IHEP Beijing, China)

SciNeGHE 2014

<http://www.lip.pt/scineghe2014>

Info: scineghe2014@lip.pt

Secretariat: Sandra Dias (sandra@lip.pt)

Webmaster: Hugo Gomes (hugo@lip.pt)



NOW 2014

Neutrino Oscillation Workshop

Conca Specchiulla (Otranto, Lecce, Italy), September 7-14, 2014

Scientific Advisory Committee

J.J. Aubert (Marseille)
 J. Bernabeu (Valencia)
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<http://www.ba.infn.it/now>
now2014@ba.infn.it



Dip. Interateneo di Fisica
 Università di Bari



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 Giampaolo Co' (Lecce)
 Gian Luigi Fogli* (Bari)
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 Anna Maria Rotunno (Bari)
 Saverio Simone (Bari)

* Chairman of the Workshop



Istituto Nazionale
 di Fisica Nucleare



Dip. di Matematica e Fisica
 Università del Salento

The Future of Research on Cosmic Gamma Rays

26 - 29 August 2015
La Palma - Canary Islands

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[Venue](#)

[Accommodation](#)

[About La Palma](#)

[Contacts](#)

The Future of Research on Cosmic Gamma Rays

26-29 August - La Palma - Canary Islands

natalia@lip.pt

The future of the research with space-borne and ground-based experiments dedicated to the study of cosmic rays, especially gamma-rays, will be discussed, looking in particular to its potential for multi messenger astrophysics and for discoveries in the sector of physics in extreme conditions, and to new installations in the Northern and in the Southern hemispheres.

This workshop is done in La Palma, which hosts the Observatorio de Roque de Los Muchachos (ORM), where gamma-ray astrophysics is protagonist since the last 30 years, with HEGRA and MAGIC in particular. ORM is also one of the candidate sites for CTA North and the site where the prototype of the Large Size CTA Telescope (23 m) will be installed. A guided tour of the experimental installations will be organised within the workshop.

This workshop is dedicated to the memory of Eckart Lorenz, one of the fathers of experimental cosmic-ray physics with photons in the TeV region.

The proceedings of the workshop will be published.

Contributed talks are welcome, in particular on:

- new ideas related to the research on cosmic gamma rays,
- multimessenger astrophysics and its relation to gamma rays,
- fundamental physics and comparison of the sensitivity of different techniques with gamma astrophysics.

See the [registration form](#).

Dates: from 26 to 29 August 2015

Location: La Palma, Canary Islands

Chairs: De Angelis, Alessandro
Antonelli, Angelo
Mirzoyan, Razmik

Sponsors



The status and the future of the UHE Cosmic Ray Physics in the post LHC era

TOPICS Surveys of existing Cosmic Ray data
Overviews of acceleration and propagation models
Progress from detectors in space
Multi-messenger aspects
Interplay between LHC and UHECR physics
The experimental future: projects and perspectives

International Advisory Committee:

Roberto Aloisio - LNGS, Italy
Roberto Battiston - Trento U, Italy
Ralph Engel - KIT, Germany
Antonio Insolia - Catania U, Italy
Karl-Heinz Kampert - Wuppertal U, Germany
Johannes Knapp - DESY, Germany
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Pierre Sokolsky - Utah U, USA
Todor Stanev - BRI, USA
Masahiro Teshima - MPI, Germany
Alan A. Watson - Leeds U, UK

Organizers: Antonio Insolia, Daniele Martello

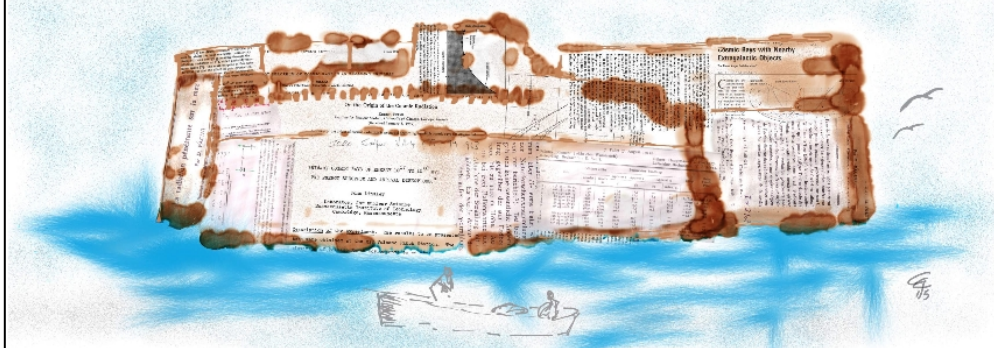


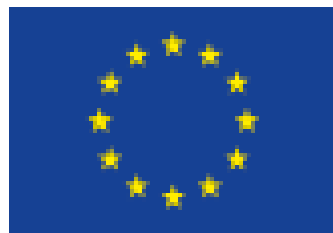
<http://www.le.infn.it/cris2015>

contact: cris2015@le.infn.it

LOC: P. Bernardini, C. Bleve, R. Caruso,
G. Cataldi, M.R. Coluccia, I. De Mitri,
G. Marsella, L. Perrone, V. Scherini, A. Surdo

Secretariat: D. Dell'Anna and C. Gentile
University of Salento and INFN Lecce





Erasmus+

STRUTTURA	COMMISSIONE
Lecce	CSN II
Coordinatore: Ivan De Mitri	

PREVISIONE DELLE SPESE DI DOTAZIONE E GENERALI DI GRUPPO (In K€)

Dettaglio della previsione delle spese del Gruppo che non afferiscono
ai singoli esperimenti e per l'ampliamento della Dotazione di base del Gruppo

Capitolo	Descrizione	Parziali	Totale
MISSIONI	1. Mobilita' coordinatore	3,50	
	2. Referaggi: De Mitri: FERMI, JEM-EUSO-RD, CTA-RD Martello: AMS-02	4,00	
	3. Mobilita' gruppo: FTE * 0.3 keur	4,50	
	4. Osservatore in CSN1 (De Mitri) = = 50% mobilita' coordinatore	2,00	14,00
MISSIONI			
CONSUMO	1. Metabolismo gruppo(FTE * 0.1 keur)	1,50	1,50
CONSUMO			
ALTRI_CONS			
SEMINARI	1. Spese seminari	1,00	1,00
SEMINARI			
TRASPORTI			
PUBBLICAZIONI	1. spese pubblicazioni	1,00	1,00
PUBBLICAZIONI			
MANUTENZIONE			
INVENTARIO	1. calcolo e strumentazione, come da regole csn2: FTE * 0.4 keur	6,00	6,00
INVENTARIO			
LICENZE-SW			
APPARATI			
SPSERVIZI			
Totale Dotazioni Lecce			23,50

(Ex) studenti/dottorandi/assegnisti

- Carla Bleve (Lecce->UK->Lecce->GER -> Lecce)
- A. K. Calabrese Melcarne (Lecce->CNAF->...)
- MariaRita Coluccia (Milano-> FNAL->Lecce->?)
- Ugo Giaccari (Lecce->NA->BRA)
- Francesco Salamida (Lecce->AQ->GER->FRA->MI)
- Viviana Scherini (MI->GER->US->MI->Lecce->?)
- Mariangela Settimo (Lecce->GER->FRA)
- Giovanni Zizzi (Lecce->CNAF)
- Antonio D'Amone (Lecce->?)



