

**GSSI PhD in Astroparticle Physics
Academic Year 2015-2016
ACTIVITIES and LECTURES**

November 2

Beginning of the Academic Year

November 3 to November 6

1st GSSI SCIENTIFIC FAIR (i.e., atelier, festival, get-together -- *call it as you like it, but enjoy it*) with the participation of colleagues from L'Aquila U. and Gran Sasso lab.

Organized by: M. Junker, R. Cerulli, C.Evoli, R. Aloisio, S. Nagorny, S. Petrera, K. Schaeffner

Please remember that the afternoon is free for contacts, exchanges, discussions and scientific proposals of collaboration. Please bring your scientific works, theses, posters, etc and sell them well!

You can find the agenda here:

<https://agenda.infn.it/conferenceDisplay.py?ovw=True&confId=10290>

November 9 to November 13

GraWIToN School @ GSSI

All GSSI 1st year students are recommended to attend the lectures

Thank you for your registration. You can find detailed information here:

<http://events.ego-gw.it/indico/conferenceDisplay.py?confId=24>

November 16 to December 18

Beginning of the regular course

	2015	Nov. 16-17	Nov. 18-19	Nov. 23-26
h 08.30 – 09.45		L.Marcucci	L.Marcucci	L.Marcucci
h 10.00 – 11.15		M.Laubenstein	M.Laubenstein	M.Laubenstein
h 11.30 – 12.45		F.Vissani	F.Vissani	F.Vissani
h 14.30 – 16.00		[Empty]	M.Wiescher	[Empty]
	2015	Nov.30 – Dec.3	Dec. 9-10*	Dec. 11
h 08.30 – 09.45		S.Capozziello	S.Capozziello	[Empty]
h 10.00 – 11.15		F.Vissani	S.Capozziello	P. Lipari
h 11.30 – 12.45		P. Lipari	P. Lipari	P. Lipari
h. 15.00 – 16.30		G. Brunetti	S.Capozziello	[Empty]
	2015	Dec. 14-15	Dec. 16	
h 08.30 – 09.45		S.Capozziello	S.Capozziello	
h 10.00 – 11.15		S.Capozziello	S.Capozziello	
h 11.30 – 12.45		P. Lipari	P. Lipari	
h.15.00 - 17.00		[Empty]	G.Ranucci	

* No lectures on Dec. 7th-8th → please note the lectures on Friday Dec. 11th

January 11 to February 11

2016	Jan. 11-14	Jan. 18	Jan. 19-21
h 08.30 – 09.45	L.Pandola	[Empty]	S.Matarrese
h 10.00 – 11.15	F.Aharonian	F.Aharonian	F.Aharonian
h 11.30 – 12.45	G. Senjanovic	G. Senjanovic	G. Senjanovic
h 15.00 – 16.15	[Empty]	S.Matarrese	[Empty]
2016	Jan. 25	Jan. 26-28	Feb. 1 - 4
h 08.30 – 09.45	[Empty]	[Empty]	L.Pandola
h 10.00 – 11.15	[Empty]	S.Matarrese	F.Aharonian
h 11.30 – 12.45	G. Senjanovic	G. Senjanovic	G. Senjanovic
h 15.00 – 16.15	S.Matarrese	[Empty]	[Empty]
2016	Feb. 8	Feb. 9- 11	
h 08.30 – 09.45	[Empty]	S.Matarrese	
h 10.00 – 11.15	F.Aharonian	F.Aharonian	
h 11.30 – 12.45	G. Senjanovic	G. Senjanovic	
h 15.00 – 16.15	S.Matarrese	[Empty]	

Lectures

- Aharonian: High Energy Astrophysics
- Capozziello: General Relativity
- Laubenstein: Radioactivity and rare phenomena
- Lipari: Multimessengers High Energy Physics
- Marcucci: Nuclear Astrophysics
- Matarrese: Cosmology
- Pandola: Monte Carlo Techniques
- Senjanovic: Standard Model and Extensions
- Vissani: Neutrino Physics Theory

Seminars (@ Main Lecture Hall):

- Brunetti: Cosmic rays in galaxy clusters and constraints from radio to gamma-ray observations
- Wiescher: Experimental Methods and Techniques in Nuclear Astrophysics
- Ranucci: Features and goals of the JUNO neutrino oscillation experiment - Jiangmen Underground Neutrino Observatory

From the end of the lectures of the 1st trimester, until March 4. 2016
EXAMS