

AHEAD WP9 meeting of November 14-15, Tor Vergata

10h30 - P. von Ballmoos: intro/overview

10h50 - V. Tatischeff (by L. Hanlon): the status of e-ASTROGAM

11h20 - P. Cumani: Pair reconstruction in PACT (Pair And Compton Telescope)

11h50 - F. Moura: Compton Polarization Measurements with eASTROGAM

12h20 L U N C H

14h00 - G. Rodriguez Fernandez / Aldo Morselli : PACT-eASTROGAM-HE polarization

14h30 - P. Cumani: Background environment in an equatorial low-Earth orbit: on orbit trapped particles

15h00 - A. Gostojic: ASCI - from the COSI background to the sensitivity of ASCI

15h30 - C O F F E E

16h00 - E. Caroli: ASTENA mission configuration

16h30 - E. Virgilli: Simulation update on the ASTENA narrow-field instrument

17h00 - L. Natalucci, L. Piro: enhancing the integration of γ -ray activities of WP9 in AHEAD

17h30 - All: Discussion / actions (1st part)

18h00 - adjourn

20h30 - S O C I A L D I N N E R

09h30 - All: Discussion / actions (2nd part)

11h30 - adjourn

Activities of AHEAD WP9

14 Sept. 2015	AHEAD kick-off meeting, IAPS Rome
8 Oct. 2015	SAG lunch, Rome (INTEGRAL meeting)
26 Oct. 2015	SAG skype, Kick-off : plan activities and adopt work method
2 Dec. 2015	SAG meeting at IAP Paris : presentation of science topics I
22 Dec. 2015	SAG skype: presentation of science topics II / SAG survey
22 Jan. 2016	SAG skype: interpretation of the results of SAG survey
5 Feb. 2016	SAG skype: conclude on priorities, prepare white paper
26 Feb. 2016	SAG skype: iterating on the white paper
15/16 March 2016	SAG/IWG "handshake" meeting Toulouse : present white paper
19 May 2016	IWG skype: iterate on mission requirements
1 June 2016	IWG meeting in Rome, prepare call for mission concepts
15 June 2016	Call for mission concepts issued
20 July 2016	Deadline (extended) for the reception of mission concepts
22 July 2016	IWG skype : evaluation / selection of mission concepts
12 Sept. 2016	SWG skype : kick-off / organisation of work
22 Sept. 2016	SWG skype : job announcements for the post-doc to be hired
12 Jan. 2017	SWG skype : presentation of the selected post-docs
2/3 March 2016	AHEAD meeting, IAPS Rome
25 April 2017	SWG meeting Barcelona
26-28 April 2017	SWG "MEGALIB SCHOOL" Barcelona
14/15 Nov 2017	1st SWG progress meeting

AHEAD WP9 milestones and associated deliverables

<u>WP9 tasks, subgroup in charge</u>	<u>M milestones, date , D deliverables</u>
Prioritize γ -ray science objectives SAG	M1 - SAG/IWG handshake, 3.2016 D1 - Science White Paper
Define mission requirements IWG	M2 - Mission requirement D2 - Mission requirement doc., 6.2016
Design of instrument concepts IWG	
Select instrument concepts IWG	M3 - Instr. concept selection, 7.2016 D3 - Instrument concept selection doc
Simulate instrument concepts SWG	D4 - final report, EXPA papers, 12.19
Discuss and valorize results ALL	M4 - conference, Jan/Feb (TBD) 2019

SWG agenda - Simulation of relevant instrument concepts

Four physical progress meetings of the SWG/IWG will punctuate the simulation work. In preparation of the progress meetings, *progress reports will be written by each team.*

A detailed report on the performance of the studied instrument concept of each team is due for the final meeting (deliverable 4 of WP9).

1st SWG/IWG meeting - April 25-, 2017 : kick-off for the SWG activities & MEGALIB school

2nd SWG/IWG meeting - November 14/15, 2017 : 1st progress meeting

3rd SWG/IWG meeting - April 2018 (TBC) : 2nd progress meeting

- goal TBD this meeting

4th SWG/IWG final meeting - Nov 2018 (TBC) :

- all simulations completed

- presentation of results

- draft final report for EC

- draft of EXPA papers

5^{essence} International Workshop - Jan/Feb 2019

- discuss, valorize our results

- organization by WP9

- Where ? When ?

- with e-ASTROGAM, INTEGRAL ?