

LI MAG meeting #9 recommendations

1. LI MAG recommends the use of both ASIM and TARANIS:
 - a. in the framework of the LI Cal/Val activities
 - b. in combination with MTG-I and MTG-S for the analysis of atmospheric chemistry in thunderstorms

2. LI MAG recommends the exploitation of LI Level 0 and Level 1b data for the detection of bolides entering the Earth atmosphere. Both European and American institutions have manifested their interest on these data.

3. LI MAG recommends to endure the collaboration with US experts to support the preparation of the LI mission, in detail on:
 - a. The pre-flight assessment of the LI Level b and Level 2 performances
 - b. The definition of methodologies and tools for the assessment of the LI lightning detection performances in-flight (i.e., during commissioning and for long-term monitoring), with particular focus on the exploitation of ISS-LIS and GLM data

LI MAG meeting #9 Actions

List of Actions			
Action #	Action item description	Status	Actionee
LIMAG 8-1 (OLD)	Specify the methods for the computation of the LI detections performances.	Closed	B. Viticchie
	<i>Bartolomeo Viticchie provided the presentation to the LI MAG members. Even though the presentation was cancelled to extend the discussion on the pre-flight LI Level 2 performance assessment, Bartolomeo Viticchie proposed to have a workshop dedicated to the testing of the OFTs functionalities for the computation of such performances. RSP/KJG confirmed that the workshop will take place in mid-2020.</i>		
LIMAG 8-3 (OLD)	Provide to A. Mäkelä the name of the reference person to contact to learn about the use of GLM data in South America.	Closed	E. Bruning
	<i>Done</i>		
LIMAG 9-1	Gather information describing the timing accuracy of LI	Open	ESA
LIMAG 9-2	Define the input dataset for the evaluation of the pre-flight assessment of the LI Level 2 performances.	Open	B. Viticchie
LIMAG 9-3	Coordinate with the LI MAG experts to gather the dataset over one month to support the LI-STAR implementation and testing.	Open	B. Viticchie

LIMAG 9-4	Invite South African experts to the next LI-MAG meeting	Open	B. Viticchie
LIMAG 9-5	Gather information on the VHF detectors for astronomical applications in South Africa that could be used for lightning detection too	Open	E. Defer
LIMAG 9-6	Report on the status of the deployment of lightning detection instrumentation around Paris	Open	E. Defer
LIMAG 9-7	Gather the information on the applicability region/DE map of the networks	Open	B. Viticchie
LIMAG 9-8	Gather information on the use of Laser in the GLM Cal/Val activities	Open	B. Viticchie