

Joint MTG LI Mission Advisory Group & GOES-R GLM Science Team workshop
27-29 May, 2015
Rome, Italy

<i>Opening</i>			
#	Agenda title	Presenter	Brief description of contents
1	MTG status	<i>Rolf Stuhlmann</i>	Status update of the MTG program and missions.
2	GOES-R status	<i>Steve Goodman</i>	Status update of the GOES-R program and missions.
3	MTG LI: instrument and mission status	<i>Philip Willemsen</i>	MTG-LI instrument development update.
<i>Algorithms</i>			
4	MTG LI: L0-L1b algorithm concepts and status, filtering algorithm development update	<i>Vincent Crombez</i>	A brief summary of the outcome of a EUMETSAT study looking at various filtering concepts for the MTG LI.
5	MTG LI: L2 concepts & algorithms	<i>Jochen Grandell</i>	Description of the MTG LI L2 algorithms and products: initial processing (groups and flashes) and accumulated products.
6	Use of LI proxy data for user readiness experiments	<i>Antti Mäkelä</i>	Reporting of a EUMETSAT study using LI proxy data for user readiness preparation.
7	GOES-R GLM: L1b algorithm development	<i>Hugh Christian</i>	Summary of the GOES-R GLM L1b algorithm development status.
8	Lightning jump science and applications	<i>Larry Carey</i>	Recent developments in the Lightning jump algorithm science and applications.
<i>General items</i>			
9	Lightning observations during the GLM-CHUVA campaign and implications for MTG-LI proxy data generation	<i>Hartmut Höller</i>	Summary of the GLM-CHUVA campaign and its results, with application to MTG-LI proxy data development.

10	Evaluating lightning detection signatures at different technologies: A contribution to GOES-R and MTG	<i>Rachel Albrecht</i>	Based on observations gathered during the GLM-CHUVA campaign, and overall analysis of results is presented.
11	Update on project SOLID (Space-based Optical Lightning Detection)	<i>Eric Defer</i>	Update on the French project SOLID (Space-based Optical Lightning Detection) project in preparation of the MTG LI.
12	Assimilation of lightning data into NWP	<i>Philippe Lopez</i>	Perspectives of lightning data assimilation into NWP: general concept evaluation.
13	LTG DA work with the NSSL WRF	<i>Dan MacGorman</i>	Assimilation of total lightning observations into the NSSL WRF model.
14	Lightning NOx (LNOx)	<i>Bill Koshak</i>	A review of Lightning NOx issues.
<i>Cal/Val</i>			
15a	MTG LI: Calibration and L1b validation concept	<i>Marcel Dobber</i>	Outlook for the definition of a calibration and L1b validation concept for the MTG LI.
15b	MTG LI: L2 product validation concept	<i>Jochen Grandell</i>	Preliminary planning of the MTG LI L2 product validation concept.
16	GOES-R Post launch Test (PLT) / Post Launch Product Test (PLPT) strategy and plans	<i>Bob Iacovazzi</i>	Summary of the GOES-R Post launch Test and Post Launch Product Test strategy and plans.
17	GLM calibration update	<i>Pete Armstrong</i>	Update on the GOES-R GLM instrument calibration concepts.
18	GLM INR and instrument performance evaluation	<i>Dennis Buechler</i>	A look into GLM INR and instrument performance evaluation issues.
19	Airborne GLM Simulator (FEGS)	<i>Mason Quick</i>	Status of the airborne GLM simulator (FEGS) development.
20	Deep Dive tools for GLM performance assessment	<i>Ken Cummins</i>	Strategies and tools for GLM performance assessments.
21	GLM on orbit validation with HAMMA	<i>Phillip Bitzer</i>	Currently still missing
22	VALID validation tool	<i>Monte Bateman</i>	VALID is a tool for GLM L2 data validation.
23	Description of the individual GLM on orbit tests	<i>Doug Mach</i>	The various GLM on-orbit tests described as well as the testing strategy.
24	Evaluating Ground-Based Lightning Detection Networks relative to TRMM/LIS	<i>Scott Rudlosky</i>	TRMM/LIS data have been used to evaluate the relative performance of various ground-based LLS observations.
25	Planned PLT/PLPT GOES-R field campaigns and report on the GOES-R April planning workshop	<i>Frank Padula</i>	Planning status update of the GOES-R field campaigns.
26	Lightning Imaging Sensor (LIS) on ISS and plans for sustained ground measurements in support of	<i>Richard Blakeslee</i>	Status update of the ISS-LIS project as well as on a database in support of GLM cal/val activities.

	GLM Cal/Val		
<i>ground-based LLS for cross-validation</i>			
27	ATDnet	<i>Sven-Erik Enno</i>	ATDnet status report and update of recent results in ATDnet data analysis.
28	STARNET	<i>Carlos Morales</i>	STARNET status report and future perspectives.
29	EUCLID: 20 years of high resolution lightning observations over Europe	<i>Stéphane Pédeboy</i>	A long-term perspective of EUCLID data over Europe.
30	Vaisala lightning location products	<i>Amitabh Nag</i>	Description of the Vaisala lightning systems and data products.
31	Performance validation of the European lightning location system EUCLID	<i>Wolfgang Schulz</i>	Description of long-term validation activities related to EUCLID performed by ALDIS.
32	LINET data & products	<i>Hans-Dieter Betz</i>	Description of the LINET system and data products.
33	Earth Networks	<i>Stan Heckman</i>	Description of the Earth Networks ENTLN system and data products.
34	Corsica LMA	<i>Eric Defer</i>	LMA network installed on Corsica: first results and outlook.
35	Efforts relating to LMA flash size and flash energy	<i>Eric Bruning</i>	Use of LMA measurements to relate flash size and flash energy.
36	LMA data and transient luminosity from high speed video recording of lightning at the Ebro Valley Laboratory in Spain + LMA in Colombia	<i>Ferran Fabro, Nicolau Pineda</i>	LMA networks in Spain and in Colombia: first results and outlook.
<i>Other space-based observations</i>			
37	ASIM	<i>Torsten Neubert</i>	Status update of the ASIM mission to be flown on the ISS.
38	TARANIS	<i>Thomas Farges</i>	Status update of the French TARANIS mission.