



European Lightning Detection Workshop 2016 / Meeting of the EUCLID members / Météorage CATS operators workshop

4-7th October 2016 – Toulouse – Centre International de Conférences – Météo-France

AGENDA

Tuesday 4th October : Vaisala network owners/operators meeting (on invitation)

- 09:00 Registration
- 09:30 Welcome, Introduction of attendance, by Bernard Urban, Météo-France, deputy head of radar and lightning department.
- 10:00 Update presentations
- 11:00 Coffee break
- 11:15 Presentations
- 12:30 Lunch
- 14:00 Presentations
- 15:00 Visit of the Meteopole
- 17:00 End of day

Wednesday 5th October : ELDW

- 08:30 Registration
- 09:15 Welcome to ELDW 2016, by Emmanuel Legrand, Technical Director of Meteo-France
- Session 1 : operational applications**
 - 9:30 1.1 Use of lightning data at Meteo-France, an overview, Météo-France (Philippe Héreil)
 - 9:50 1.2 Mention of the convective activity in METAR AUTO, Météo-France (Olivier Laurantin)
- Session 2 : field experiments and impact studies**
 - 10:10 2.1 An overview of the HyMeX Lightning Science Team activities, LA-CNRS (Eric Defer)
 - 10:30 2.2 SAETTA: high resolution 3D mapping of the lightning activity around Corsica, LA –CNRS (Sylvain Coquillat)
 - 10:50 Coffee break
- Session 2 (continued)**
 - 11:20 2.3 Lightning climatology in the Congo Basin, LA (Serge Soula)
 - 11:40 2.4 Impact study of the "Millau Bridge" on the local lightning occurrence, Météorage (Stéphane Pedeboy)
- Session 3 : Nowcasting and severe weather**
 - 12:00 3.1 Lightning Jump" algorithm for the nowcast of severe weather: Preliminary evaluation at "meteo.cat" of an operational tool using VAISALA-LS8000 total lightning data, Meteorological Service of Catalonia (Nicolau Pineda)
 - 12:20 Lunch

Session 3 (continued)

- 13:30 3.2 Use of lightning data in Météo-France nowcasting convection products, Météo-France (Jean-Marc Moisselin)
- 13:50 3.3 Source Classification and Thunderstorm Warning with the GLD360 Dataset, Vaisala Inc (Ryan SAID)

Session 4 : space-based detection

- 14:10 4.1 Meteosat Third Generation Lightning Imager (MTG-LI): Flash and Accumulated products and test data for user readiness activities, EUMETSAT (Heikki Pohjola)
- 14:30 4.2 TARANIS a space mission dedicated to the observation of the physical phenomena over the thunderstorms, CNES (Christophe Bastien-Thiry)
- 14:50 4.3 The SOLID (Space-based Optical Lightning Detection) project, LA-CNRS (Eric Defer)
- 15:10 Coffee break

Session 5 : numerical modelling and assimilation

- 15:40 5.1 Cloud electrification and lightning flashes in Meso-NH, LACy-CNRS (Christelle Barthe)
- 16:00 5.2 Lightning data assimilation in kilometre-scale NWP systems: Review and perspectives in the framework of the EXAEDRE project, CNRM (Olivier Caumont)

Session 6 : lightning detection networks

- 16:20 6.1 ATDnet-LIS comparison, UKMO (Sven-Erik Enno)
- 16:40 6.2 Determining lightning outliers using weather radar to evaluate the performance of EUCLID, RMI Belgium (Dieter Poelman)
- 17:00 6.3 Latest EUCLID performance improvements/analyses, OVE Service GmbH – ALDIS (Wolfgang Schulz)
- 17:20 End of day
- 19:30 Dinner in Toulouse (on registration) (registration via the doodle <http://doodle.com/poll/25mhfyfy6mehkbn>)

Thursday 6th October : EUCLID meeting (on invitation)

- 09:30 EUCLID members meeting
- 17:00 End of day

Friday 7th October : CATS users meeting (on invitation)

- 09:30 CATS users meeting
- 17:00 End of day