

Synthèse des communications scientifiques (articles, conférences, stages, thèses...) en lien avec la PCOA

2016

The HyMeX Lightning Science Team, 2016 *An overview of the HyMeX Lightning Science Team activities*. European Lightning Detection Workshop, 4 – 7 Oct., Toulouse, France

Coquillat S., E. Defer, D. Gazen, D. Lambert, J.-M. Martin, J.-P. Pinty, V. Pont, S. Prieur, J.-F. Ribaud, 2016 *Apport potentiel de l'activité d'éclair 3D à haute résolution observée par le réseau SAETTA dans le cadre de l'observatoire atmosphérique CORSICA*.

Ateliers de modélisation de l'atmosphère, 18-22 janvier, Toulouse, France

Coquillat S., M. Chabasset, E. Defer, D. Gazen, **D. Lambert**, J.-M. Martin, J.-P. Pinty, V. Pont, S. Prieur and J.-F. Ribaud, 2016 *SAETTA: high resolution 3D mapping of the lightning activity in the Mediterranean basin around Corsica*. 15th Plinius Conference on Mediterranean Risks. 8-11 June, Giardini-Naxos, Italy.

Coquillat S., Defer E., Gazen D., **Lambert D.**, Pinty J.-P., Pont V. and Prieur S., 2016 *SAETTA: high resolution 3D mapping of the lightning activity around Corsica in the Mediterranean basin*. European Lightning Detection Workshop, 4 – 7 Oct., Toulouse, France

Caumont O. et l'équipe EXAEDRE, 2016 *Lightning data assimilation in kilometre-scale NWP systems : Review and perspectives in the framework of the EXAEDRE project*. European Lightning Detection Workshop (ELDW), 5 Oct., Toulouse, France

Defer E., C. Bovalo, S. Coquillat, **D. Lambert**, J.-P. Pinty, S. Prieur and S. Pedeboy, 2016 *Observation and Modeling Study of Electrified Thunderstorms in Corsica*. AGU Fall Meeting, 12 – 16 Dec 2016, San Francisco, USA

Gheusi F., P. Durand, N. Verdier, F. Dulac, J.-L. Attié, P. Commun, B. Barret, C. Basdevant, A. Clenet, S. Derrien, A. Doerenbecher, L. El Amraoui, A. Fontaine, E. Hache, C. Lambert, E. Jaumouillé, Y. Meyerfeld, L. Roblou, and F. Tocquer, 2016

Adapted ECC ozone sonde for long-duration flights aboard boundary-layer pressurized balloons.

Atmos. Meas. Tech., 9, 5811–5832.

Pinty J.-P., C. Bovalo, S. Coquillat, E. Defer, **D. Lambert**, S. Prieur, S. Pédeboy and E. Richard, 2016 *Simulation of electrified storms over Corsica and comparison with several lightning detection networks*. 15th Plinius Conference on Mediterranean Risks. 8-11 June, Giardini-Naxos, Italy.

Saïd F., B. Campistron, H. Delbarre, G. Canut, A. Doerenbecher, P. Durand, N. Fourrié, D. Lambert, and D. Legain, 2016

Offshore winds obtained from a network of wind profiler radars during HyMeX.

Quart. J. Roy. Meteor. Soc., Special issue "Advances in understanding and forecasting of heavy precipitation in the Mediterranean through the HyMeX SOP1 field campaign", Volume 142, Issue S1, August 2016, pp 23-42, DOI:10.1002/qj.2749

Scheffknecht P., E. Richard, and D. Lambert, 2016

A Highly Localized High Precipitation Event over Corsica.

Quart. J. Roy. Meteor. Soc., Special issue "Advances in understanding and forecasting of heavy precipitation in the Mediterranean through the HyMeX SOP1 field campaign", Volume 142, Issue S1, August 2016, pp 206-221, DOI:10.1002/qj.2795

Tamas W., G. Notton, C. Paoli, M.-L. Nivet et C. Voyant, 2016

Hybridization of air quality forecasting models using machine learning and clustering : an original approach to detect pollutant peaks.

International Journal of "Aerosol and Air Quality Research", Volume 16, N° 2, Pages 405-416