

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

2017

Caumont O., E. Defer, J.-P. Pinty, C. Bovalo, C. Barthe, S. Coquillat, **D. Lambert**, 2017 *Simulation of HyLMA lightning observations with Arome*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Caumont O., E. Defer, J.-P. Pinty, C. Bovalo, C. Barthe, S. Coquillat, and **D. Lambert**, 2017 *Towards quantitative lightning forecasts with convective-scale Numerical Weather Prediction systems*. WMO Aeronautical Meteorology Scientific Conference, 6 – 10 Nov., Toulouse, France

Coquillat S., E. Defer, **D. Lambert**, J.-P. Pinty, V. Pont and S. Prieur, 2017 *SAETTA: high resolution 3D mapping of the lightning activity around Corsica Island*. EGU General Assembly, 23–28 April, Vienna, Austria

Coquillat S., E. Defer, **D. Lambert**, J.-P. Pinty, V. Pont, S. Prieur, R. Thomas, S. Pédeboy, 2017 *SAETTA: climatology of 3 years of lightning observation at high resolution in Corsica*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Coquillat S., E. Defer, **D. Lambert**, J.-P. Pinty, V. Pont, S. Prieur, R. Thomas, 2017 *SAETTA: status on the high resolution lightning detection network in Corsica*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Coquillat S., E. Defer, **D. Lambert**, J.-P. Pinty, V. Pont, and S. Prieur, 2017 *The SAETTA-LMA network: from individual, flashes to 3-year lightning climatology in Corsica*. Joint IAPSO-IAMAS-IAGA Assembly, 27 August-01, September, Cape Town, South Africa, 2017.

Defer E., J.-P. Pinty, S. Coquillat, S. Prieur, **D. Lambert**, and S. Pedeboy, 2017 *Observational and Modeling-based Study of Electrified Thunderstorms in Corsica*. EGU General Assembly, 23–28 April, Vienna, Austria

Defer E., S. Coquillat, **D. Lambert**, J.-P. Pinty, S. Prieur, O. Caumont, L. Labatut, Mathieu Nuret, P. Blanchet, M. Buguet, P. Lalande, G. Labrousche, S. Pedeboy, J.-Y. Lojou, A. Schwarzenboeck, J. Delanoë, A. Bourdon and L. Guiraud, 2017 *Observational and modeling-based study of Corsica thunderstorms: preparation of the EXAEDRE airborne campaign*. AGU Fall Meeting, 11 - 15 Dec. 2017 New Orleans, Louisiana, USA

Defer E., S. Coquillat, **D. Lambert**, J.-P. Pinty, S. Prieur, O. Caumont, L. Labatut, P. Blanchet, M. Buguet, P. Lalande, G. Labrousche, S. Pedeboy, J.-Y. Lojou, A. Schwarzenboeck, J. Delanoë, A. Bourdon et L. Guiraud, 2017 *Introducing the EXAEDRE (EXploiting new Atmospheric Electricity Data for Research and the Environment) project*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Defer E., S. Coquillat, **D. Lambert**, J.-P. Pinty, S. Prieur, O. Caumont, L. Labatut, P. Blanchet, M. Buguet, P. Lalande, G. Labrousche, S. Pedeboy, J.-Y. Lojou, A. Schwarzenboeck, J. Delanoë and A. Bourdon, 2017 *Introducing the EXAEDRE (EXploiting new Atmospheric Electricity Data for Research and the Environment) project*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Defer E., S. Coquillat, **D. Lambert**, J.-P. Pinty, S. Prieur, O. Caumont, L. Labatut, P. Blanchet, M. Buguet, P. Lalande, G. Labrousche, S. Pedeboy, J.-Y. Lojou, A. Schwarzenboeck, J. Delanoë, A. Bourdon et L. Guiraud, 2017 *A first glance on the field campaign of the EXAEDRE (Exploiting new Atmospheric Electricity Data for Research and the Environment) project*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Defer E., S. Coquillat, **D. Lambert**, J.-P. Pinty, S. Prieur, O. Caumont, L. Labatut, P. Blanchet, M. Buguet, P. Lalande, G. Labrousche, S. Pedeboy, J.-Y. Lojou, A. Schwarzenboeck, J. Delanoë and A. Bourdon, 2017 *A first glance on the field campaign of the EXAEDRE (Exploiting new Atmospheric Electricity Data for Research and the Environment) project*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Defer E., W. Deierling, S. Coquillat, P. De Guibert, **D. Lambert**, J.-P. Pinty, S. Prieur, P. Krehbiel, W. Rison, R. Thomas, 2017 *Tracking commercial aircraft based on the detection of micro-discharges with Lightning Mapper Arrays during penetration of electrified convective clouds and ice clouds*. WMO Aeronautical Meteorology Scientific Conference, 6 – 10 Nov., Toulouse, France

Lambert D., E. Richard , S. Coquillat , E. Defer , J.-P. Pinty , S. Prieur , M. Hilt , M. Wimmer, 2017 *Overview of some heavy precipitation events in 2015 and 2016 on Corsica*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Pedeboy S., E. Defer, S. Coquillat, **D. Lambert**, J.-P. Pinty, S. Prieur, O. Caumont, L. Labatut, J.-Y. Lojou, 2017 *Observing extreme long duration lightning flashes in South-East France*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Pinty J.-P., E. Defer, S. Coquillat, S. Prieur, **D. Lambert** and S. Pédeboy, 2017 *Simulating the electrification of thunderstorms in Corsica and comparison with SAETTA records of 3D flashes*. 10th HyMeX Workshop, 4-7 July 2017, Barcelona, Spain

Scheffknecht P., E. Richard, and D. Lambert, 2017
Climatology of heavy precipitation over Corsica in the period 1985–2015
Quart. J. Roy. Meteor. Soc. 143: 2987–2998, DOI:10.1002/qj.3140