

COMMUNICATIONS PAR AFFICHE (EN LIEN AVEC LES THEMATIQUES CLIMIBIO)

2018

1. SALEH Y., ANThERIEU S., DUSAUTOIR R., ALLEMAN L.Y., CANIVET L., PERDRIX E., SOTTY J., DE SOUSA C., GARÇON G., LO-GUIDICE J-M. Les particules ultrafines ont une toxicité pulmonaire plus importante que les particules fines chez la souris. 2ème Journée de la recherche de la faculté de Pharmacie de Lille, 11 juil 2018, Lille, France.
2. OCCELLI F., LANIER C., DERAM A., CUNY D. Spatial Analysis of Environmental Inequalities with Biomonitoring Data: a Cumulative Risk Assessment. Annual Meeting of the International Society of Exposure Science and the International Society for Environmental Epidemiology (ISES-ISEE). 26-30 aug 2018, Ottawa, Canada.
3. ANThERIEU S., LECLERCQ B., ALLEMAN L.Y., PERDRIX E., CODDEVILLE P., LO-GUIDICE J-M., GARÇON G.. Transcriptomic alterations induced by air pollution-derived PM2.5 reflect the shift from healthy to COPD-diseased human bronchial epithelium. 28th - European Respiratory Society Annual Congress 2018, 15-19 Sep 2018, Paris, France.
4. LECLERCQ B., KLUZA J., ANThERIEU S., SOTTY J., ALLEMAN L.Y., CODDEVILLE P., LO-GUIDICE J-M., MARCHETTI P., GARÇON G. Mitochondrion: a critical target for the toxicity of air pollution-derived PM2.5 in healthy and COPD human bronchial epithelial cells. 28th - European Respiratory Society Annual Congress 2018, 15-19 Sep 2018, Paris, France.
5. SOTTY J., KLUZA J., DE SOUSA C., ALLEMAN L.Y., CANIVET L., PERDRIX, E., LOYENS A., MARCHETTI P., LO-GUIDICE J-M., GARÇON G. Mitochondrial alterations triggered by repeated exposure to fine (PM2.5-0.18) and ultrafine (PM0.18) fractions of air pollution-derived particulate matter. Congrès Annuel de la Société Française de Toxicologie, 27-28 nov 2018, Lille, France.
6. SALEH Y., ANThERIEU S., DUSAUTOIR R., ALLEMAN L.Y., CANIVET L., PERDRIX E., SOTTY J., DE SOUSA C., GARÇON G., LO-GUIDICE J-M. Impact pulmonaire de l'exposition aux particules atmosphériques ultrafines chez la souris. Congrès Annuel de la Société Française de Toxicologie, 27-28 nov 2018, Lille, France.
7. Aurélien Moncomble, Cécilia Falantin, Annaïg Le Person, Jean-Paul Cornard. Effect of oxygen-by-sulfur exchange on desexcitation pathways in flavonols. Workshop for Young Researchers on Photo-active materials with Cooperative and Synergetic Responses, Mar 2018, Villeneuve d'Ascq, France. <hal-01909725>
8. Aurélien Moncomble, Diksha Jani Thaviligadu, Jean-Paul Cornard. Étude théorique et expérimentale de la complexation du cation ZnII avec la morine. Journées "Théorie, Modélisation et Simulations" 2018, May 2018, Paris, France. <hal-01909728>
9. Aurélien Moncomble, Diksha Jani Thaviligadu, Jean-Paul Cornard. Theoretical and experimental studies on the complexation of fourth period divalent cations with flavonoids. European Symposium on Chemical Bonding 2, Sep 2018, Oviedo, Spain. <hal-01909732>

10. Danielle El Hajj, Suzanne Crumeyrolle, Marie Choël, Samantha Seng, Yeny A. Tobon, et al.. Modification of aerosol properties due to relative humidity. *Aerosol Technology* 2018, Jun 2018, Bilbao, Spain. <hal-01898039>
11. Diksha Jani Thaviligadu, Aurélien Moncomble, Jean-Paul Cornard. From the ground state to the excited states of polycyclic aromatic hydrocarbons with DFT and TD-DFT. *Workshop for Young Researchers on Photo-active materials with Cooperative and Synergetic Responses* 2018, Mar 2018, Villeneuve d'Ascq, France. <hal-01909722>
12. Diksha Jani Thaviligadu, Aurélien Moncomble, Jean-Paul Cornard. Study of Mn(II)-flavonoids systems by spectroscopy and quantum chemistry calculations. *16th International Congress of Quantum Chemistry*, Jun 2018, Menton, France. <hal-01909731>
13. Henry Mackeown, Baghdad Oudanne, Justine Criquet. Evaluation de la capacité de filières de potabilisation à réduire le risque de formation de sous-produits de désinfection. *Journées Information Eau*, Oct 2018, Poitiers, France. <hal-01919269>
14. J. Criquet, Melinda George, Jean-Noël Ottenwaelder, Emmanuel Bugner, Aurélie Bouvet, et al.. Spatial resolution of groundwater volatile organic compound pollution using passive samplers. *EGU*, Apr 2018, Vienne, Austria. <hal-01889231>
15. Maria Clara Starling, Patrício Patterson, Annaïg Le Person, Camila Costa De Amorim, Justine Criquet. Degradation of two hypertensive medicines by hydroxyl and sulfate radicals. *Ozone and advanced oxidation solutions for pollutants of concern to the water and the environment*, Sep 2018, Lausanne, Switzerland. <hal-01917156>
16. N. Visez, Sylvie Gosselin, Jinane Farah, Denis Petitprez, M. Choël. Uptake of ozone on birch pollen grains. *11th International Congress on Aerobiology*, Sep 2018, Parma, Italy. <hal-01920264>
17. Pierre-Jean Superville, Junias Adusei-Gyamfi, David Dumoulin, Justine Criquet, Jean-Paul Cornard, et al.. Suivi de la matière organique dissoute à l'échelle de la journée dans la Deûle. *RST* 2018, Oct 2018, Lille, France. <hal-01904682>
18. Pratima Bhurtun, Gabriel Billon, Lesven Ludovic, Cyril Ruckebusch, Cédric Halkett. Using high-frequency monitoring to assess the water quality of the River Selle (northern France). *RST* 2018, Oct 2018, Lille, France. <hal-01889221>
19. Pratima Bhurtun, Ludovic Lesven, Dumoulin David, Cédric Halkett, Gabriel Billon. Vulnerability of surface water quality in northern France to climate change. *CCW2018*, Feb 2018, Tours, France. <hal-01889286 >
20. Samantha Seng, Mira Fawal, Myriam Moreau, Anne-Marie Blanchenet, Jinane Farah, et al.. Observations of single pollen grains after ageing under controlled environment. *Aerosol Technology* 2018, Jun 2018, Bilbao, Spain. <hal-01898036>
21. Samantha Seng, Mira Fawal, Myriam Moreau, Anne-Marie Blanchenet, Jinane Farah, et al.. Ageing of single pollen grains under controlled environment. *Aerosol Technology Conference*, Jun 2018, Bilbao, Spain. <hal-01920211>

22. Leonarski L., C.-Labonnote L. Vidot J., Baran A. J. and Dubuisson P., Ice cloud properties, an information content analysis from high spectral resolution measurements in the thermal infrared: Application to IASI and IASI-NG, 1st workshop on the far-infrared outgoing radiation understanding and monitoring (FORUM) mission, Accademia dei Georgofili, Florence, Italy, 23-25 October, 2018.
23. El Hajj D., Crumeyrolle S., Choël M., Seng S., Tobon Y., and I. Chiapello : Modification of aerosol properties due to relative humidity. Aerosol Technology 2018 – Bilbao Spain 18-20 June 2018.
24. Auriol F., J.M. Nicolas, F. Parol, J. Riedi, M. S. Djellali, M. Catalfamo, C. Delegove, F. Waquet and R. Loisil, 2018: OSIRIS (Observing System Including Polarisation in the Solar Infrared Spectrum) instrument: a multi-directional, polarized radiometer in the visible and shortwave infrared, airborne prototype of 3MI / EPS-SG Eumetsat – ESA mission, EGU General Assembly, Vienne, April 8-13, 2018.
25. Matar C., C. Cornet, F. Parol, L. C.-Labonnote, F. Auriol, and J.-M. Nicolas, 2018, Uncertainty Assessment in the Retrieved Cloud Properties from the Multi-spectral, Multi-viewing Airborne Polarimeter OSIRIS, EGU General Assembly, Vienne, April 8-13, 2018.
26. Yaacoub R., O. Pujol, and P. Dubuisson: Tunneling optical resonance in light-droplet in atmospheric optics. ITBMS - International IR Target and Background Modeling and Simulation Workshop, Banyuls-sur-Mer, France, 11-14 juin 2018
27. KRAVTCHENKO F., PILLIER L., BATUT S., CALIMET B., FITTSCHEN C., Development and validation of a new experimental set-up to study reactions between RO₂ and HO_x radicals, 25th International Symposium on Gas Kinetics and Related Phenomena, Lille, 2018
28. VISEZ, N., FARAH, J., GOSSELIN, S., PETITPREZ, D., & CHOËL, M. Uptake of Ozone on Birch Pollen Grains. International Congress on Aerobiology, Parma, Italy, 2018.
29. SENG, S., FAWAL, M., MOREAU, M., BLANCHENET, A.-M., FARAH, J., VISEZ, N., TOBON, Y, CHOËL, M. Observations of Single Pollen Grains after Ageing under Controlled Environment. Presented at the Aerosol Technology, Bilbao, Spain, 2018.
30. ASSAF E., SCHOEMAECKER C., FITTSCHEN C., Rate constants of the reaction of DO₂ + DO₂ and HO₂ + DO₂, 25th International Symposium on Gas Kinetics and Related Phenomena, Lille, 2018
31. KRAVTCHENKO F., PILLIER L., BATUT S., CALIMET B., FITTSCHEN C., Development and validation of a new experimental set-up to study reactions between RO₂ and HO_x radicals, International Workshop on Air Quality in Urban and Regional Areas, Leipzig, Allemagne, 2018
32. MERCIER X., CARRIVAIN O., IRIMIEA C., FACCINETTO A., THERSSEN E., DESGROUX P., Dimers of Polycyclic Aromatic Hydrocarbons: the Missing Pieces in the Soot Formation Process, 4th International Sooting Flame (ISF) Workshop, Dublin, 27-28 Juillet 2018
33. MERCIER X., CARRIVAIN O., IRIMIEA C., FACCINETTO A., THERSSEN E., DESGROUX P., Experimental Evidences of the Formation of PAH Dimers in a Laminar Sooting Diffusion Flame, 37th International Symposium on Combustion, Dublin, 29 juillet-3 Août 2018,
34. J. NOBLE, L. D. NGO, D. DUCA, M. VOJKOVIC, A. R. IKHENAZENE, C. IRIMIEA, G. LEFEVRE, A. FACCINETTO, C. PIRIM, Y. CARPENTIER, B. CHAZALLON, N. NUNS, J. YON, E. THERSSEN, C. FOCSA, "Particulate and Gas Phase Separation in Simultaneous Sampling of Combustion Byproducts: New Insights into Chemical

Composition by Mass Spectrometric Analysis”, 10th International Aerosol Conference, St. Louis, Missouri, USA, 2-7 septembre 2018

35. R. CIURARU, C. BERGER, P. BUYASSE, Y. CARPENTIER, C. DECUQU, C. FOCSA, S. GENERMONT, S. GOSSELIN, S. HOUOT, J. KAMMER, F. LAFOUGE, B. LOUBET, N. VISEZ, D. PETITPREZ, “Soil Spreading of Organic Waste Products: Source of Secondary Organic Aerosols”, 10th International Aerosol Conference, St. Louis, Missouri, USA, 2-7 septembre 2018
36. C. IRIMIEA, L. D. NGO, Y. CARPENTIER, O. B. POPOVICHEVA, E. D. KIREEVA, I. K. ORTEGA, J. SCHWARZ, M. VOJTÍŠEK-LOM, C. FOCSA, “Impact of operation conditions and fuel type on the chemical composition of soot particles emitted by gasoline and Diesel engines”, 22nd ETH-Conference on Combustion Generated Nanoparticles, Zürich, Suisse, 18-21 juin 2018
37. L. D. NGO, C. IRIMIEA, A. FACCINETTO, N. NUNS, Y. CARPENTIER, C. FOCSA, E. THERSSEN, “Investigation of polycyclic aromatic hydrocarbons and soot formation in swirled flames of n-butanol and conventional Diesel fuel”, 22nd ETH-Conference on Combustion Generated Nanoparticles, Zürich, Suisse, 18-21 juin 2018
38. C. IRIMIEA, I. K. ORTEGA, D. DELHAYE, Y. CARPENTIER, J. A. NOBLE, F. X. OUF, F. SALM, D. GAFFIE, O. PENANHOAT, C. FOCSA, “Impact of power settings and fuel on PM emissions for a SAM146 engine”, Aerosol Technology AT2018, Bilbao, Spain, 17-21 June 2018
39. L. NGO, Y. CARPENTIER, C. IRIMIEA, C. FOCSA, E. THERSSEN, “Investigation of soot particles and precursors produced in a swirled diffusion biofuel flame - Combined in-situ LII/LIF and on-line L2MS”, Aerosol Technology AT2018, Bilbao, Spain, 17-21 June 2018
40. D. DELHAYE, M. OLIN, H. TIMONEN, C. IRIMIEA, J. ALANEN, K. TEINILLÄ, P. SIMONEN, S. SAARIKOSKI, J. KALLIOKOSKI, P. KARJALAINEN, L. JING, C. FOCSA, M. DAL MASO, E. ASMI, T. RÖNKKÖ, I.K. ORTEGA, “Characterization of a novel combustion aerosol standard generator for aeronautic fuel”, Aerosol Technology AT2018, Bilbao, Spain, 17-21 June 2018
41. D. DUCA, J. A. NOBLE, Y. CARPENTIER, M. VOJKOVIC, S. LEGENDRE, A. MANZ, R. GRZESZIK, M. LYSKA, T. TRITSCHER, J. SPIELVOGEL, M. RIEKER, C. FOCSA, “Size-selective sampling and chemical analysis of single-cylinder engine ultra-fine particulate matter”, Aerosol Technology AT2018, Bilbao, Spain, 17-21 June 2018
42. A. LEKKAS, D. KOUNADIS, A. BOZATZIDIS, I. ORFANOPOULOS, D. PAPANASTASIOU, M. VOJKOVIC, D. DUCA, Y. CARPENTIER, C. FOCSA, “A segmented PCB octapole ion trap coupled to an oTOF platform for two-step laser ionization and photo-dissociation mass spectrometry”, 66th ASMS Conference on Mass Spectrometry and Allied Topics, San Diego, USA, 3-7 June 2018
43. L. NGO, Y. CARPENTIER, C. IRIMIEA, A. FACCINETTO, N. NUNS, E. THERSSEN, C. FOCSA, Chemical characterization of soot emission produced during the combustion of n-butanol and conventional diesel fuel - L2MS and SIMS investigations, 4ème journée Scientifique et Prospective du Labex CaPPA, 13th April 2018, Lille, France
44. C. PIRIM, R. IKHENZAENE, J. A. NOBLE, Y. CARPENTIER, C. FOCSA, B. CHAZALLON, “Investigating ice nucleation properties of airplane soot surrogates by optical and vibrational spectroscopy”, 2nd Atmospheric Ice Nucleation Conference, Grasellenbach, Allemagne, 26 février – 1er Mars 2018

45. D. DUCA, J. NOBLE, M. VOJKOVIC, Y. CARPENTIER, M. ZISKIND, B. CHAZALLON, C. PIRIM, C. FOCSA, Morphological and chemical characterization of size-selected particles emitted by a single-cylinder engine, 4ème journée scientifique CaPPA, 13th April 2018, Lille, France
46. D. DUCA, M. VOJKOVIC, Y. CARPENTIER, M. ZISKIND, A. FACCINETTO, C. PIRIM, C. FOCSA, Estimation of the adsorption energy of aromatic compounds adsorbed on carbonaceous surfaces using two step laser mass spectrometry, GDR EMIE (Edifices Moléculaires Isolés et Environnés), 31st May – 1st June 2018, Lille, France
47. D. DUCA, M. VOJKOVIC, Y. CARPENTIER, M. ZISKIND, A. FACCINETTO, C. PIRIM, C. FOCSA, Estimation of the adsorption energy of aromatic compounds on carbonaceous surfaces using two step laser mass spectrometry, 6ème Conseil Scientifique du Labex CaPPA, 5th July 2018, Lille, France
48. C. T. RODRIGUEZ, C. PIRIM, B. CHAZALLON, "Post-combustion capture of CO₂ using semi-clathrate hydrates crystallization", Ecole de cristallographie et Grand Equipements, 15-19 Octobre 2018, Synchrotron SOLEIL, Saint-Aubin, France.
49. C. T. RODRIGUEZ, Q.-D. LE, C. PIRIM, B. CHAZALLON, CO₂-BASED GAS MIXTURES SEPARATION AND CAPTURE USING SEMI-CLATHRATE HYDRATES, GdR Hydrates de gaz, 20-22 Novembre 2018, Talence
50. Q-D LE, C. T. RODRIGUEZ, C. PIRIM, Y. CARPENTIER, B. CHAZALLON, "Experimental set-up design for CO₂ capture and separation technology by gas hydrates crystallization" GdR Hydrates de gaz, 20-22 Novembre 2018, Talence, Bordeaux.
51. PANADÉS-BARRUETA R. L., KOPEC S., MONNERVILLE M., PELÁEZ D. Fast-Computing Potential Energy Surfaces from Specific Reaction Parameter Hamiltonians, IMAMPC 2018, Berlin (Allemagne)
52. PANADÉS-BARRUETA R. L., KOPEC S., MONNERVILLE M., PELÁEZ D. Fast-Computing Potential Energy Surfaces from Specific Reaction Parameter Hamiltonians, HDQD 2018, Lille (France)
53. KOPEC S., PANADES-BARRUETA R. L., PELAEZ D. On the automatic computation of global intermolecular potential energy surfaces for non-covalently bound systems, 54th Symposium on Theoretical Chemistry, „Non-Covalent Interactions“, Halle (Allemagne), 2018
54. KOPEC S., MARTINEZ-NUÑEZ, E., SOTO J., PELAEZ D, vdW-TSSCDS: An automated procedure for the computation of stationary points on intermolecular potential energy surfaces, 54th Symposium on Theoretical Chemistry, „Non-Covalent Interactions“, Halle (Allemagne), 2018
55. ROOSE A., DUFLOT D., TOUBIN C., DUSANTER S., RIFFAULT V., "Experimental and theoretical investigation of HO₂ sticking on dicarboxylic acid aerosols", 4ème Journée Scientifique Cappa, Lille, France, 13 avril 2018.
56. CHRAYTEH M., BTEICH S., NEEMAN E., DREAN P., GOUBET M., HUET T., Spectroscopic characterization of aerosols precursors in the gas phase and study of the microsolvation processes, 4ème Journée Scientifique Cappa, Lille, France, 13 avril 2018.
57. DRÉAN P., CHRAYTEH M., SAVOIA A., HUET T.R., STUDY OF HYDRATES OF VERBENONE BY MICROWAVE FOURIER TRANSFORM SPECTROSCOPY AND COMPUTATIONAL CHEMISTRY, HRMS 2018 (BILBAO 2018 SEPTEMBER 3RD-7TH)

58. ROOSE A., DUFLOT D., TOUBIN C., DUSANTER S., RIFFAULT V., "Experimental and theoretical investigation of HO₂ sticking on dicarboxylic acid aerosols", Atelier commun GDR EMIE & SUIE Réactivité Hétérogène et Processus de Nucléation dans les Milieux Atmosphériques, Astrochimiques et en Combustion", Lille, France, 31 mai – 1er juin 2018.
59. FOTSING-KWETCHE C., TOUBIN C., DUFLOT D.,: "Combining Quantum Chemistry with Classical Molecular Dynamics for the theoretical study of chlorine radical reactivity at the surface of a fatty acid aerosol", 4^{ème} Journée Scientifique Cappa, Lille, France, 13 avril 2018.
60. RÉAL F., VALLET V., Realistic ab initio spectroscopy of f elements in aqueous solution, 10th International Conference on f-Elements (ICFE-10), Sep 2018, Lausanne, Switzerland. 2018.
61. BOUCHAFRA Y., SHEE A., REAL F., VALLET V., GOMES A.S.P., Predicting solvent effects on the photoelectron spectra of halide ions with WFT-in-DFT embedding, MESM2018 Molecular Electronic Structure, Aug 2018, Metz, France. 2018.
62. ROOSE A., DUFLOT D., TOUBIN C., DUSANTER S., RIFFAULT V., "Uptake of peroxy radicals on organic aerosols : development of an aerosol flow tube and molecular level characterization", 25th International Symposium on Gas Kinetics and Related Phenomena, Lille, France, 22 – 26 juillet 2018.
63. ROOSE A., DUFLOT D., TOUBIN C., DUSANTER S., RIFFAULT V., "Uptake of peroxy radicals on organic aerosols : development of an aerosol flow tube and molecular level characterization", Towards a Molecular Understanding of Atmospheric Aerosols, Bad Honnef, Allemagne, 27 – 31 août 2018.
64. HALLER A., PELAEZ D., BANDE A., Quantum dot inter-Coulombic decay in two dimensions, High Dimensional Quantum Dynamics (HDQD), Aug 2018, Lille, France. 2018.
65. TRIANA J.F., PELAEZ D., SANZ-VICARIO J.L., Revealing Non-adiabatic effects in lithium fluoride induced by quantized fields, High Dimensional Quantum Dynamics (HDQD), Aug 2018, Lille, France. 2018.
66. BOUCHAFRA Y., SHEE A., REAL F., VALLET V., GOMES A.S.P., Predicting solvent effects on the photoelectron spectra of halide ions with WFT-in-DFT embedding, PPES2018 Photoinduced Processes in Embedded Systems, Jun 2018, Pisa, Italy. 2018.
67. M. DUNCIANU, A. TOMAS, N. LOCOGE, S. DUSANTER, Development of a Mobile Photochemical Reactor to Investigate Gas-Phase Chemistry and Aerosol Formation in the Field Development of a Mobile Photochemical Reactor to Investigate Gas-Phase Chemistry and Aerosol Formation in the Field , 25th International Symposium on Gas Kinetics and Related Phenomena , Lille France, July 22-26, 2018
68. K. . MERMET, S. DUSANTER, S. SAUVAGE, N. LOCOGE, T. LEONARDIS, E. PERRAUDIN¹, E. VILLENAVE¹, Optimization of a Gas Chromatographic Method for Ambient Measurements of BVOCs Deployment during LANDEX 2017 , European Geosciences Union General Assembly 2018 , Vienna, Austria , April 8–13, 2018
69. N. Maher. OSSEIRAN, M. ROMANIAS, A. TOMAS, V. C. PAPADIMITRIOU¹, F. THEVENET, P. CODDEVILLE, Development and validation of a THERMAL regulated AtMOSpheric Simulation Chamber (THALAMOS), 25th international symposium on gas kinetics and related phenomena (Gas Kinetics 2018), Lille, France, July 22-26, 2018

- 70.** ROOSE, S. DUSANTER, C. TOUBIN¹, D. DUFLOT¹, V. RIFFAULT, Experimental and theoretical investigation of HO₂ sticking on dicarboxylic acid aerosols, 25th international symposium on gas kinetics & related phenomena, Lille, July 22-26, 2018
- 71.** X. WANG, M. ROMANIAS, A. ROUSSEAU¹, F. THEVENET, Geocatalytic uptake of ozone onto natural mineral dust, 3rd International Conference on Atmospheric Dust, Villa Romanazzi Carducci, Bari, Italy, May 29-31, 2018
- 72.** September 2018 : ERS international congress 2018, Paris, France. M. Pichavant, C. Vignal, G. Kervoaze, M Djouina, C. Waxin, LY Alleman, E Perdrix, C. Gower-Rousseau, P. Gosset, M. Body-Malapel. Alteration of lung defence mechanisms after acute and chronic exposure to urban coarse PM.
- 73.** NDONG, A. VERDIN, J. THOMAS, F. CAZIER, M. CABRAL, A. GARAT, D. ALLORGE, G. GARCON, J.M. LOGUIDICE, A. DIOUF, M. GUALTIERI, M. FALL, D. COURCOT. Individual exposure level following indoor and outdoor air pollution exposure in Dakar city (Senegal). SETAC Europe 28th Annual Meeting. Rome, Italie, 13-17 mai, 2018 (et interlabo climibio)
- 74.** G. BADRAN, F. LEDOUX, A. VERDIN, I.ABBAS, P. GENEVRAY, F.CAZIER, M. ROUMIE, J.M. LO-GUIDICE, G. GARÇON, D. COURCOT. Caractérisation physico-chimique de particules fines et ultrafines au Liban et étude de leurs effets toxicologiques sur un modèle de cellules épithéliales pulmonaires humaines (Beas-2b). Congrès annuel de la Société Française de Toxicologie, Lille, 27-28 novembre 2018
- 75.** AL ZALLOUHA M., BILLET S., LANDKOCZ Y., BORGIE M., DELEPEE R., MARTIN P.J., VITAGLIANO J.J., VISADE F., CAZIER F., LEDOUX F., GOSSET P., COURCOT D. Effects of exposure of T cells to fine particulate matter and the influence of age; a prospective pilot study. Eurotox 2018, Brussels (Belgique), 2-5 septembre 2018
- 76.** NDONG, A. VERDIN, F. CAZIER, J. THOMAS, M. CABRAL, A. GARAT, D. ALLORGE, G. GARCON, J.M. LOGUIDICE, A. DIOUF, D. COURCOT, M. GUALTIERI, M. FALL. Outdoor and indoor air pollution exposure: a cross-sectional study in Dakar city (Senegal). Eurotox 2018, Brussels (Belgique), 2-5 septembre 2018
- 77.** E. EL-HAJJ, C. MEAUSOONE, G. TREMOLET, D. COURCOT, F. LEDOUX, Y. LANDKOCZ. Induction of Epithelial-to-Mesenchymal transition (EMT) on human bronchial Beas-2B cells exposed to fine particulate matter PM_{2.5}. 20th International Congress on In Vitro Toxicology, Estiv 2018, Berlin (Allemagne), 15-18 octobre 2018.
- 78.** Crumeyrolle, S., Augustin, P., Rivellini, L.-H., Choël, M., Riffault, V., Deboudt, K., Fourmentin, M., Dieudonné, E., Chiapello, I.« Investigation of aerosol variability induced by sea breezes in a coastal area of Senegal, North-Western Africa »European Geosciences Union (EGU) General Assembly, Vienne, Autriche, 8-13 avril 2018
- 79.** Griraa, A., Kerfanta, F., Poyuzana, J., Canosab, A., El Dibb, G., Coeur, C., Fagniez, T., Wiesen, P., Barnes, I., Coddeville, P., Tomas, A.« Réactivité de COVB oxygénés avec deux oxydants atmosphériques : O₃ et Cl. Cinétiques, formation d'aérosols organiques secondaires et produits de réaction »Colloque franco-marocain COMPOLA, Ouarzazate, Maroc, 23-26 avril 2018
- 80.** Ahmad, W., Coeur, C., Tomas, A., Fagniez, T., Brubach, J.B., Cuisset, A.« Secondary organic aerosol formation from the gas-phase reaction of OH radicals with biomass burning emitted compounds (methoxyphenols). Characterisation of the SOA hygroscopic properties by ATR-FTIR synchrotron spectroscopy » 4th ACTRIS-2 General Meeting, Nafplio, Greece, 17-19 April 2018

- 81.** Roucou, A., Kleiner, I., Goubet, M., Bteich, S., Mouret, G., Bocquet, R., Hindle, F., Meerts, W. L., Cuisset A.
- 82.** « Towards the detection of explosive taggants: microwave and millimeter-wave gas phase spectroscopies of 3-Nitrotoluene » Ecole doctorale thématique METAMORPHOSE, 23 Mai 2018, Université Catholique de Louvain, Belgique.
- 83.** Roucou, A., Mouret, G., Cuisset, A. « Introduction to the THz high resolution gas phase spectroscopy » École doctorale thématique METAMORPHOSE, 23 Mai 2018, Université Catholique de Louvain, Belgique.
- 84.** Jabri, A., Roucou A., Fontanari, D., Bray C., Hindle F., Bocquet R., Mouret G., Cuisset A. « Mm-wave and ab initio studies of the conformational landscape of methoxyphenols identified as SOA precursors » The first Vietnamese School of Earth Observation: Atmospheric Remote Sensing and Molecular Spectroscopy, 27-31 août 2018, Quy Nhon, Vietnam
- 85.** ALLAIRE N., MONNET C., CRONIER C., La radiation initiale des ammonoïdes au Dévonien : richesse taxonomique et evolution faunique. Congrès APF 2018 “Out of Europe”, Avril, Bruxelles, Belgique, 2018
- 86.** CRÔNIER C., ABBACHE A., KHALDI A.Y., OUDOT M., MAILLET S., OUALI-MAHADJI A, Biodiversity and palaeobiogeographical affinities of Middle Devonian trilobites from Algeria. The fossil week, 5th International Palaeontological Congress, Juillet, Paris, France, 2018
- 87.** SEROBYAN V., GRIGORYAN A., CRONIER C., MOTTEQUIN B., DANELIAN T., Contribution des derniers brachiopodes d’Arménie à la biostratigraphie du Dévonien supérieur. Congrès APF 2018 “Out of Europe”, Avril, Bruxelles, Belgique, 2018