

COMMUNICATIONS ORALES DANS LES CONFÉRENCES (REMERCIANT CLIMIBIO)

2019

Sur invitation

1. Antoine de Courrèges , Florent Occelli , Philippe Amouyel , Aline Meirhaeghe, Luc Dauchet : Relation entre la marchabilité, de la zone de résidence, l'obésité et les facteurs de risque cardio-vasculaire et l'activité physique à Lille et à Dunkerque. 10e CONGRÈS ANNUEL EN SANTÉ ENVIRONNEMENT Les inégalités socio-environnementales de santé Pour une approche interdisciplinaire Paris Novembre 2019
2. GARÇON G. Impacts sanitaires de la pollution atmosphérique : Rôle de la susceptibilité individuelle génétique et épigénétique. 3ème JOURNEE DE RENCONTRES REGIONALES DU POLE POLLUTION, SANTE ET LONGEVITE. Lille, 17 septembre 2019.
3. Fengjiao SHEN, Pascal JESECK, Yao-Veng TE, Tu TAN, Xiaoming GAO, Eric FERTEIN, and Weidong CHEN, Laser Heterodyne Radiometry for Ground-based Measurement of CH4 in the Atmospheric Column, 41st PIERS, 17-20 June 2019, Rome, Italy
4. Cœur C. : Development of simulation chambers dedicated to the study of tropospheric physico-chemical processes : Reactivity of oxygenated aromatic VOCs. Invited seminar (Princeton University, 31/10/19).
5. Cuisset A., Roucou A., Fontanari D., Jabri A., Bray C., Bayoud H., Dhont G., Hindle F., Bocquet R., Mouret G. : THz high-resolution rovibrational spectroscopy of gas-phase molecules with environmental and defense interests, French-German THz conférence, Kaiserslautern, Germany, 2-5 mars 2019.
6. Cuisset A., Bray C., Jabri A., Roucou A., Fontanari D., Dhont G., Bocquet R., Hindle F., Mouret G. : High-resolution spectroscopy of molecules with environmental interest using electronic, optoelectronic and THz sources, HRMS, 26th Colloquium, Dijon, France, 26 - 30 Aug, 2019
7. Cuisset A., Roucou A., Jabri A., Fontanari D., Asselin P., Bruckhuisen J., Bray C., Dhont G., Bocquet R., Hindle F., Mouret G. : Conformational landscape of biogenic precursors of secondary organic aerosols using high resolution THz spectroscopy, The 5th International Symposium on Microwave/Terahertz Science and Applications, Busan, Corée du Sud, 29 Sep. 03 Oct. 2019.
8. LAMOUREUX N., DESGROUX P., GASNOT, L., SYLLA M.D., GIARRACCA L., Mécanismes de formation de NOx lors de la combustion de biocarburants, Journée commune du GFC et du

comité français de la FRIF « Combustion dans les foyers industriels : objectifs zéro émission »,
Meudon, France, Octobre 2019

9. LAMOUREUX N., DESGROUX P, Mesures quantitatives d'espèces traces par des méthodes combinées de spectroscopie laser (LIF et CRDS), Meudon, France, Novembre 2019
10. DESGROUX P., Recent advances in soot nucleation understanding, 9th European Combustion Meeting, Lisboa, 2019, April 14-17th
11. MERCIER X., CARRIVAIN O., IRIMIEA C., FACCINETTO A., THERSSEN E., Dimers of polycyclic aromatic hydrocarbons: the missing pieces in the soot formation process ?, 38ème édition du colloque annuel du Groupe Français de Cinétique et Photochimie (GFPC), Rennes 6-7 Juin 2019
12. G. VANHOVE, Kinetic studies of auto- and assisted ignition in the Low Temperature Combustion regime, Ulorraine – Tohoku University Workshop, 19/9/2019
13. G. VANHOVE, Opportunities to investigate auto- and assisted ignition through kinetic studies in the Low-Temperature Combustion regime, Laboratory for Chemical Technology, 30/10/2019
14. EL BAKALI A, Impact de l'hydrogène sur la formation des hydrocarbures aromatiques polycycliques et les particules de suie dans les flammes, Journée CF-FRIF - le GFC : Combustion dans les foyers industriels : objectif zéro émissions, Paris, octobre 2019
15. Franchomme M., Audouit C., Benchendikh F., Delmer S., Fournier F., Hinnewinkel C., Laboureur M., Litot J.B., Pernin C., Schmitt G., 2019, Mise en synergie des réseaux : évaluer la contribution des emprises des infrastructures linéaires de RTE et de SNCF Réseau aux continuités écologiques. Actes de colloque ITTECOP 2019, Fonctionnalités écologiques et territoriales des infrastructures linéaires de transport et de leurs emprises, Sophia-Antipolis, 5-7 juin 2019, pp. 30-32.
16. Franchomme M., Brun M., 2019, Les enjeux environnementaux de la ville compacte. Cycle de conférences Plans, plantages, plantations, ENSAPL & UdL, 07 février 2019.
17. Piquot Y. et Franchomme M., 2019, Pollinisateurs sauvages en milieu urbain : effets de l'hétérogénéité de l'environnement sur les réseaux d'interactions et leur diversité. 2ème journée de la recherche de la FST, Lilliad, 28 juin.
18. VERDIN A., CAZIER F., NDONG A., GARCON G., THOMAS J., CABRAL M., GARAT A., ALLORGE D., DIOUF A., LOGUIDICE J.M., GUALTIERI M., FALL M., COURCOT D., Programme Chaire écosanté en Pollution de l'air (Chairepoll) - Pollution de l'air à Dakar : Caractérisation et évaluation des effets sanitaires. Séminaire international sur la qualité de l'air dans les villes d'Afrique de l'Ouest francophone, Global Urban Air Pollution Observatory (GUAPO), Paris, France, 28-29 novembre 2019

19. TOUBIN C., Toward a molecular level investigation of heterogeneous processes for the atmosphere or the interstellar medium, Journée Theorie Modélisation Simulation, Paris – 5-6 juin 2019
20. TOUBIN C., Toward a molecular level understanding of heterogeneous processes relevant for the atmosphere or the interstellar medium, Quitel, Montreal – Aout 2019
21. TOUBIN C., Molecular scale insights into aerosol formation and reactivity, International Aerosol Modeling Algorithms Conference, Davis, CA (USA), Dec. 4-6 2019
22. PELAEZ, D. Automatic Computation of Potential Energy Surfaces for MCTDH Quantum Dynamics using Reparametrized Semiempirical Hamiltonians IMAMPC 2019 (Madrid)
23. D. Duca, M. Vojkovic, Y. Carpentier, A. Faccineto, M. Ziskind, C. Pirim, C. Focsa, "A novel laser desorption method for measuring the adsorption energy of molecules on carbonaceous surfaces", 3rd International Conference on Applied Surface Science, Pisa, Italie, 17-20 juin 2019
24. R. Ciuraru, C. Focsa, J. Kammer, C. Berger, C. Decuq, M. Vojkovic, Y. Carpentier, F. Lafouge, B. Loubet, D. Petitprez, « Approche multitechnique pour la caractérisation de l'aérosol secondaire formé par des matières organiques résiduares », Colloque « Agriculture et qualité de l'air », Paris, 21-22 March 2019
25. Q.-D Le, C. T. Rodriguez, C. Focsa, Y. Carpentier, C. Pirim, B. Chazallon, "Influence of crystallization parameters on guest's selectivity and structures in CO₂-based clathrates and semi-clathrates", TSRC Conference, 25-29 Juin, Telluride, USA.
26. M. Chrayteh, P. Dréan, A. Savoia, T. Huet, Comparaison de méthodes DFT et ab initio appliquées au calcul de structures et énergies de complexes microsolvatés, Journées de spectroscopie moléculaire, 21-23 mai 2019, Créteil.
27. R.A. Motiyenko, « Spectroscopy of atmospherically relevant molecules: the contribution from the terahertz domain », 26th Colloquium on High-Resolution Molecular Spectroscopy, 26-30 Aout 2019, Dijon, France
28. K. MERMET, S. SAUVAGE, S. DUSANTER, T. SALAMEH, T. LEONARDIS, N. LOCOGE, P. M. FLAUD1, E. PERRAUDIN, E. VILLENAVE, Atmospheric Reactivity of Biogenic Volatile Organic Compounds under the Canopy of a Maritime Pine Forest during the LANDEX Field Campaign, eleventh International Conference on Chemical Kinetics, Orléans, France, June 23-27, 2019

En tant que participant.e

29. BOICHU, M. et al. Physico-chemical properties of volcanic plumes and their impact on the atmosphere and air quality, ACTRIS-FR workshop, Oléron, France, 2019

30. LEONARSKI L., LABONNOTE L., VIDOT J. BARAN A., COMPIEGNE M., DUBUISSON P., Propriétés optiques des nuages de glace : Analyse du contenu en information appliqué à IASI et IASI-NG , Journées IASI/IASI-NG. Paris France. 2019.
31. LEONARSKI L., LABONNOTE L., VIDOT J. BARAN A., COMPIEGNE M., DUBUISSON P., Ice cloud properties, an information content analysis from high spectral resolution measurements in the infrared : IASI and IASI-NG , 22nd International TOVS Study Conference. Saint Sauveur Canada. 2019.
32. BROUSMICHE D., OCCELLI F., GENIN M., CUNY D., DERAM A., LANIER C., Développement d'indices spatialisés de vulnérabilité et de résilience en santé environnement. SIG 2019, La Conférence Francophone Esri. Les Docks de Paris, 16-17 Octobre 2019.
33. LANIER C., BROUSMICHE D., OCCELLI F., CUNY D., DERAM A., GENIN M., Approche bénéfiques/risques et IESS : développement d'indices de vulnérabilité et de résilience adaptés au territoire français. Congrès annuel de la Société Francophone de Santé Environnement. Paris, 27-28 novembre 2019
34. Pierre-Jean Superville, Junias Adusei-Gyamfi, David Dumoulin, Justine Criquet, Jean-Paul Cornard, et al.. Diel monitoring of dissolved organic matter in the Deûle River. International Conference on Chemistry and the Environment (ICCE), Jun 2019, Thessaloniki, Greece. (hal-02278674)
35. Guillaume Trommetter, Dumoulin David, Gabriel Billon. Development of DGTs for the quantification of iridium, palladium, platinum, rhodium and ruthenium in freshwater. DGT Conference, Sep 2019, Vienne, Austria. (hal-02302584)
36. Justine Criquet, Melinda George, Aurélie Bouvet, Jean-Noël Ottenwaelder, Emmanuel Bugner, et al.. Spatial distribution and temporal evolution of chlorinated solvents in a drinking water. 10th International Groundwater Quality Conference, Sep 2019, Liège, Belgium. (hal-02304374)
37. Jovanny A. Gómez Castaño, Prieto Grosso, Yeny A. Tobón. Estudio de la fotoreactividad de partículas individuales de interés atmosférico por medio de técnicas de levitación acopladas a espectroscopia micro-Raman. III Congreso Internacional de Ciencias Básicas, Apr 2019, Tunja, Colombia. (hal-02308240)
38. Yeny A. Tobón, Jovanny A. Gómez Castaño, Myriam Moreau, L. Boussekey. Micro Raman spectroscopy and Raman imaging for the study of (photo)reactivity and heterogeneity of single levitated droplets. World Chemistry Forum 2019 (WCF2019), May 2019, Barcelona, Spain. (hal-02285771)
39. Henry Mackeown, J. Adusei Gyamfi, K. Schoutteten, David Dumoulin, Liesbeth Verdickt, et al.. Evaluating the capacity of a drinking water treatment plant to remove the disinfection by-

product precursors.. 17th International conference on chemistry and the environment, Jun 2019, Thessaloniki, Greece. (hal-02316331)

40. J. Adusei Gyamfi, D. Dumoulin, P-J. Superville, B. Ouddane, L. Rietveld, et al.. Characterization and removal of natural organic matter and its complexes formed with trace metals in drinking water treatment processes. IWA Specialist Conference on Natural Organic Matter in Water, Oct 2019, Tokyo, Japan. (hal-02316343)
41. M. Choël, Nicolas Visez. Pollution of birch pollen grains by atmospheric particulate matter. The Mediterranean Palynological Societies Symposium 2019, Jul 2019, Bordeaux, France. (hal-02305784)
42. M. Bokova, A. Paraskiva, I. Alekseev, D. Fontanari, A. Cuisset, M. Kassem, E. Bychkov, Relationships between glass structure and properties in single and mixed thallium and/or silver thiogermanate glasses. 17th International Conference on Liquid and Amorphous Metals (August 26-30, 2019, Lyon, France)
43. Fayad L., Coeur C., Fagniez T., Secordel X., Mouret G., Ozonolysis of γ -terpinene in the new indoor atmospheric chamber CHARME. Analysis of gas-phase and particulate reaction products. European Geosciences Union (EGU) – Atmospheric Sciences, Vienna (Austria, 7-12 April 2019).
44. Fayad L., Coeur C., Fagniez T., Secordel X., Mouret G., Ozonolysis of γ -terpinene in the new indoor atmospheric chamber CHARME. Analysis of gas-phase and particulate reaction products. Journées de Cinétique et Photochimie en Phase Gazeuse, Rennes, juin 2019.
45. Grira A., Kerfant F., Poyuzan J., Canosa A., El Dib G., Cœur C., Fagniez T., Patroescu-Klotz I., Wiesen P., Coddeville P., Tomas A., Reactivity of Green Leaf Volatiles (GLVs) in the atmosphere: Kinetics, products and secondary organic aerosol formation. Journées de Cinétique et Photochimie en Phase Gazeuse, Rennes, juin 2019.
46. E. Dieudonné, H. Delbarre, P. Augustin, M. Fourmentin, P. Flament, K. Deboudt, S. Ngagine, F. Cazier : Application of existing Doppler lidars for simultaneous air quality applications: results from comparison with PM10, PM2.5 and granulometric observations in a multi-influenced harbor city., American Geochemical Union AGU Fall Meeting, San Francisco, CA, 9-13 December, 2019.
47. Roucou A., Jabri A., Fontanari D., Asselin P., Goubet M., Dhont G., Hindle F., Mouret G., Bocquet R., Cuisset A.: Conformational analysis of methoxyphenol isomers using high-resolution spectroscopy and quantum chemistry calculations, XIX symposium on high resolution spectroscopy, Nizhny Novgorod, Russia, 1-5 July 2019
48. LAMOUREUX N., GIARRACCA L., GASNOT L. DESGROUX P., NO formation in low-pressure flames of oxygenated cyclic ethers compounds, Smartcats meeting CM1404, International conference on smart energy carriers, Naples, Italie, Janvier 2019

49. Mergulhao C., Vanhove G., Auto-inflammation de l'anisole au sein d'un carburant-modèle, Journée François Lacas des doctorants en Combustion, 22/1/2019
50. Mergulhao C., Vanhove G., Étude Expérimentale de la Cinétique de Combustion de Carburants Issus de la Biomasse Lignocellulosique à Hautes Pressions, Journée des doctorants de l'ADEME 2019
51. Duca D., Vojkovic M., Carpentier Y., Faccinnetto A., Irimiea C., Ortega I.K., Noble J.A., Ziskind M., Pirim C., Focsa C., 15th International Conference on Laser Ablation, 8-13 September 2019, Maui-Hawaii (USA), Laser desorption mass spectrometry of combustion-generated particles.
52. Duca D., Vojkovic M., Carpentier Y., Faccinnetto A., Ziskind M., Pirim C., Focsa C., 15th International Conference on Laser Ablation, 8-13 September 2019, Maui-Hawaii (USA), An original laser-based method to determine adsorption energies on carbonaceous surfaces.
53. Irimiea C., Faccinnetto A., Mercier X., Ortega I.K., Nuns N., Therssen E., Desgroux P., Focsa C., Secondary ion mass spectrometry and combustion: finding trends in soot nucleation and growth, 12th International Conference on Carbonaceous Particles in the Atmosphere, 3-6 April 2019, Vienna (AT).
54. Focsa C., Duca D., Vojkovic M., Carpentier Y., Faccinnetto A., Ziskind M., Pirim C., Laser desorption of aromatic compounds from carbonaceous aerosol surrogates and determination of their adsorption energy, 12th International Conference on Carbonaceous Particles in the Atmosphere, 3-6 April 2019, Vienna (AT).
55. Irimiea C., Faccinnetto A., Mercier X., Ortega I.K., Nuns N., Therssen E., Desgroux P., Focsa C., ToF-SIMS and combustion, French SIMS User's Meeting, 14-15 March 2019, Bordeaux (FR).
56. Wu J., Faccinnetto A., Batut S., Grimonprez S., Petitprez D., Desgroux P., 32nd French Congress on Aerosols 2019, 22-23 January 2019, Paris (FR), A new method to analyze the hygroscopic properties of soot particles from their aging process.
57. Hanoune B., Caron A., Redon N., Coddeville P., Investigation of indoor air quality in a low energy high school building combining micro gas sensors and unsupervised learning, X IAQVEC 2019 – 10th international conference on Indoor Air Quality, Ventilation and Energy Preservation in Buildings, Bari (Italie), 2019.
58. Hanoune B., Kassi R., Verbeke B., Assy E., Clavier L., Crumeyrolle S., Degrande S., Le Pallec X., Rouvoiy R., Conception and deployment of the APOLLINE sensor network for IAQ monitoring. X IAQVEC 2019 – 10th international conference on Indoor Air Quality, Ventilation and Energy Preservation in Buildings, Bari (Italie), 2019.

59. HANOUNE B. How many patrons in the library ? CO2 sensors as tools to determine the occupancy of a whole building. ISES-ISIAQ 2019 "The built, natural, and social environments: impacts on exposures, health and well-being", Kaunas (Lituanie), 2019.
60. HANOUNE B., ROUVOY R., KASSI R., DELEGOVE C., LOISIL R., CRUMEYROLLE S., Apolline: le réseau lillois de mini-capteurs. Colloque national capteurs et sciences participatives, Paris, 2019.
61. SCHOEMAECCKER C., CHAO W., JR-MIN LIN J., TAKAHASHI K., TOMAS A., YU L., KAJII Y., BATUT S., FITTSCHEN C. Water Vapor Does Not Catalyze the Reaction between Methanol and OH Radicals, ICCK, Orleans, 2019
62. KRAVTCHENKO F., PILLIER L., BATUT S., CALIMET B., FITTSCHEN C., Development and validation of a new experimental set-up to study reactions between peroxy RO2 and HOX radicals, ICCK, Orleans, 2019
63. ROCHE C., LEDOUX F., CAZIER F., DELMAIRE G., ROUSSEL G., BEAUGARD C., FAVEZ O., COURCOT D. Les particules en suspension dans l'air sur le Littoral Côte d'Opale. Evaluation de la contribution attribuable au trafic maritime. Congrès Avenir Littoral, Dunkerque, France, 13-14 mars 2019
64. BADRAN G., LEDOUX F., VERDIN A., ABBAS I., ROUMIÉ M., GENEVRAY P., CAZIER F., LO GUIDICE J.-M., GARÇON G., COURCOT D. Toxicity of quasi-ultrafine and fine particles: focus on the effects of PM_{2.5} organic extractable and non-extractable matter fractions. 7th International Symposium on Ultrafine Particles, Bruxelles, Belgique, 15-16 mai 2019
65. LANDKOCZ Y., BILLET S., LEDOUX F., VERDIN A., MARTIN P., CAZIER F., COURCOT D. Chemical characterization and *in vitro* toxicity in human bronchial epithelial cells BEAS-2B of PM_{2.5} from an urban site under industrial emission influence. 7th International Symposium on Ultrafine Particles, Bruxelles, Belgique, 15-16 mai 2019
66. BADRAN G., LEDOUX F., VERDIN A., ABBAS I., ROUMIÉ M., GENEVRAY P., LO GUIDICE J.-M., GARÇON G., COURCOT D. Caractéristiques chimiques de particules fines et ultrafines et évaluation de leur toxicité sur des cellules épithéliales bronchiques en condition *in vitro*. 2^{ème} journée scientifique Climibio : Changement climatique, dynamique de l'atmosphère, impacts sur la biodiversité et la santé humaine, Villeneuve d'Ascq, France, 22 mai 2019
67. MÉAUSOONE C., BILLET S., EL-KHAWAJA R., TREMOLET G., SIFFERT S., COUSIN R., CAZIER F., COURCOT D., LANDKOCZ Y. Etude de la toxicité d'effluents gazeux issus du traitement catalytique du toluène lors d'expositions répétées en Interface Air-Liquide. Congrès annuel de la Société de Toxicologie Cellulaire et Moléculaire, Paris, 13 et 14 juin 2019.
68. MARTIN P.J., HÉLIOT A., TRÉMOLET G., LANDKOCZ Y., DEWAELE D., CAZIER F., LEDOUX F., COURCOT D. Cellular response and extracellular vesicles characterization of human macrophages exposed to fine atmospheric particulate matter. Extracellular Vesicles in Health

69. ROOSE A., DUSANTER S., TOUBIN C., DUFLOT D., RIFFAULT V.: Combined theoretical and experimental investigations of peroxy radical uptake on organic aerosols, EGU General Assembly 2019, Vienne, Autriche, 7 – 12 avril 2019.
70. D. Duca, M. Vojkovic, Y. Carpentier, A. Faccinetto, C. Irimiea, I.K. Ortega, J.A. Noble, M. Ziskind, C. Pirim, C. Focsa, "Laser desorption mass spectrometry of combustion-generated particles", 15th International Conference on Laser Ablation (COLA), Maui, USA, 8-13 septembre 2019
71. D. Duca, J.A. Noble, Y. Carpentier, M. Vojkovic, A. Boies, M. Rahman, C. Pirim, C. Focsa, "Chemical Analysis of Ultra-fine Particulate Matter Generated by a Spark-Ignition Engine", EAC2019 European Aerosol Conference, Göteborg, Suede, 25-30 août 2019
72. A. Berthier, D. Delhaye, I.K. Ortega, M. Sicard, C. Focsa, "JETSCREEN Program, Impact of Fuel Composition on Aeronautic Emissions: Laboratory Experiments", EAC2019 European Aerosol Conference, Göteborg, Suede, 25-30 août 2019
73. Y. Carpentier, L. D. Ngo, D. Duca, J. A. Noble, M. Vojkovic, C. Pirim, C. Irimiea, A. Faccinetto, E. Therssen, P. Desgroux, J. Yon, C. Focsa, "Several methods for the separation of gaseous and particulate-bound species in combustion emissions", Combustion Aerosol Conference 2019, Cambridge, UK, 26-28 juin 2019
74. C. Pirim, A.R. Ikhenazene, J.A. Noble, C. Irimiea, Y. Carpentier, I.K. Ortega, F.-X. Ouf, C. Focsa, B. Chazallon, "Soot morphology and surface chemical composition – main drivers for ice nucleation on soot particles?", Combustion Aerosol Conference 2019, Cambridge, UK, 26-28 juin 2019
75. D. Duca, Y. Carpentier, M. Vojkovic, C. Pirim, C. Focsa, "A novel methodology for the analysis of the particulate/gas phase partitioning in combustion emissions", 23rd ETH Conference on Combustion-Generated Nanoparticles, Zürich, Suisse, 17-20 juin 2019 + "Trojan Horse" Award of the Swiss Association "Doctors for Environmental Protection" for the best communication by a young researcher
76. R. Ciuraru, J. Kammer, M. Vojkovic, C. Berger, Y. Carpentier, C. Decuq, F. Lafouge, S. Houot, B. Loubet, Denis Petitprez, C. Focsa, "Volatile organic compounds emission and secondary organic aerosols formation from organic waste products", 17th International Conference on Chemistry and the Environment, Thessaloniki, Greece, 16 – 20 juin 2019
77. D. Duca, M. Vojkovic, Y. Carpentier, M. Ziskind, A. Faccinetto, E. Therssen, P. Desgroux, C. Irimiea, I.K. Ortega, C. Pirim, C. Focsa, "Laser desorption mass spectrometry of combustion-generated aerosols", Colloque sur la Chimie Atmosphérique, Lyon, 11-13 juin 2019
78. C. Focsa, D. Duca, J. A. Noble, M. Vojkovic, Y. Carpentier, C. Pirim, C. Betrancourt, P. Desgroux, T. Tritscher, J. Spielvogel, M. Rahman, A. Boies, K. F. Lee, A. Bhave, S. Legendre, O. Lancry, P.

Kreutziger, M. Rieker, "The PEMS4Nano project: measuring engine emissions below 23 nm", 23rd International Transport and Air Pollution Conference, Thessaloniki, Greece, 15-17 May 2019

79. D. Duca, J. A. Noble, M. Vojkovic, Y. Carpentier, C. Irimiea, A. Faccinnetto, I. K. Ortega, C. Pirim, and C. Focsa, "Mass spectrometric analysis of the complex surface chemical composition of combustion-generated aerosols", Faraday Discussion "Challenges in analysis of complex natural mixtures", Edinburgh, UK, 13 - 15 mai 2019
80. A. Faccinnetto, C. Irimiea, X. Mercier, I. K. Ortega, N. Nuns, E. Therssen, P. Desgroux, C. Focsa, "Secondary ion mass spectrometry and combustion: finding trends in soot nucleation and growth", 12th International Conference on Carbonaceous Particles in the Atmosphere (ICCPA), 3-6 April 2019, Vienna Austria
81. D. Duca, J. A. Noble, Y. Carpentier, M. Vojkovic, A. Manz, R. Grzeszik, T. Tritscher, J. Spielvogel, C. Pirim, C. Focsa, "Chemical characterization of size-selected carbonaceous particles emitted by internal combustion engines", 12th International Conference on Carbonaceous Particles in the Atmosphere (ICCPA), 3-6 April 2019, Vienna, Austria
82. C. Pirim, R. Ikhenazene, Y. Carpentier, J. Noble, C. Irimiea, I. K. Ortega, M. Ziskind, C. Focsa, B. Chazallon, "Micro-Raman Spectroscopy as a vibrational probe to reveal soot nanostructure", 12th International Conference on Carbonaceous Particles in the Atmosphere (ICCPA), 3-6 April 2019, Vienna Austria
83. L. D. Ngo, Y. Carpentier, C. Irimiea, A. Faccinnetto, 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", 5e Journée Scientifique du Labex CaPPA, Villeneuve d'Ascq, France, 6 mars 2019
84. C.T. Rodriguez, Q.D. Le, C. Focsa, C. Pirim, B. Chazallon, « How different formation pathways impact the structure and separation efficiency in CO₂+N₂ gas mixtures using TBAB Semi-clathrate Hydrates", Réunion Plénière du GdR Hydrates de Gaz, Brest du 9-11 Septembre 2019
85. Q.D. Le, C.T. Rodriguez, C. Pirim, B. Chazallon, "Investigation of the exchange kinetic between methane and carbon dioxide in gas hydrates: application to CO₂ capture from flue gas analogs". Q.D. Le, C.T. Rodriguez, C. Pirim, B. Chazallon. Journées Hydrates, 09-11 september 2019, Brest, France.
86. C.T. Rodriguez, Q-D. Le, C. Pirim, B.Chazallon, "CO₂-based gas mixtures separation and capture using semi-clathrate hydrates", Journée CLIMIBIO, 22 Mai 2019, Univ Lille

87. M-H. Mammez, P. Cacciani, J. Cosléou, « Spectroscopie de l'ammoniac 14NH_3 dans la gamme 1420-1470 nm. Premiers spectres de l'isotopologue 14ND_3 ». 22-23 Mai, 2017 Journées GDR SPECMO
88. L. Zou, R. A. Motiyenko, L. Margulès, E.A. Alekseev « Development and performance of Lille's Fourier transform millimeter-wave spectrometer », 74th International Symposium on Molecular Spectroscopy, 17-21 Juin 2019, Urbana-Champaign, IL, USA
89. LECLERCQ-DRANSART J., DEMUYNCK S., GRUMIAUX F., LEMIERE S., PERNIN C., LEPRETRE A., Les isopodes terrestres face au dérèglement climatique, Oral communication, Acta of the 6^{ème} journée du groupe de travail « TEBIS » (*Traits Ecologiques et Biologiques des organismes des Sols*), Metz, France, 2-4 octobre 2017. DOI: [10.13140/RG.2.2.14802.50880](https://doi.org/10.13140/RG.2.2.14802.50880) (lien)
90. Faillettaz R, Beaugrand G, Goberville E. Basin-scale variability in the distribution of Atlantic Bluefin Tuna. NOAA (department of fisheries). Miami. Septembre 2019.
91. A. ROOSE, S. DUSANTER, C. TOUBIN¹, D. DUFLOT¹, V. RIFFAULT, Combined theoretical and experimental investigations of peroxy radical uptake on organic aerosols, European Géosciences, Union General Assembly 2019, Vienne (Autriche), April 7-12, 2019
92. T. SALAMEH, S. SAUVAGE, T. LEONARDIS, K. . MERMET, N. LOCOGE, . ACTRIS CIGAS TEAM, ACTRIS-EU topical centre for reactive trace gases in situ measurements: activities and future development , 27th Assembly of IAAM (International Association of Advanced Materials) Congress, Stockholm, Suède, August 11-14, 2019
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