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## COMMUNICATIONS ORALES DANS LES CONFERENCES (REMERCIANT CLIMIBIO)

2016

○ **Sur invitation**

1. FOCSA C., Characterization of particulate emissions from various combustion sources: from laboratory to field campaigns, 6th Romanian National Conference of Applied Physics, Iasi, Roumanie, 26-27 novembre 2016
2. FOCSA C., Physico-chemical characterization of combustion particulate emissions using laser-based techniques, 16th International Balkan Workshop on Applied Physics, Constanta, Roumanie, 7-9 juillet 2016 – keynote plenary lecture
3. En tant que participant.e
4. CHAZALLON B., PIRIM C., Captage de CO<sub>2</sub> par formation d'hydrates et analyse par diffusion Raman, Journée SFGP, PAU, 1-2 décembre 2016
5. DELHAYE D., OUF F.-X., FERRY D., PENANHOAT O., PEILLON S., SALM F., VANCASSEL X., ORTEGA I. K., GUIN C., FOCSA C., HARIVEL N., GAFFIE D., The MERMOSE project: Characterization of particulate emissions of a commercial aircraft engine and a combustion chamber section, 22nd European Aerosol Conference, Tours, France, 4-9 septembre 2016
6. THERSSEN E., IRIMIEA C., CARPENTIER Y., FOCSA C., Characterization of soot particles and their precursors in diffusion flame of methane by in-situ laser diagnostics and ex-situ laser desorption/ionization/mass spectrometry, 22nd European Aerosol Conference, Tours, France, 4-9 septembre 2016
7. POPOVICHEVA O. B., KIREEVA E. D., SHONIJA N. K., SCHWARZ J., VOJTISEK-LOM M., IRIMIEA C., ORTEGA I.K., CARPENTIER Y., FOCSA C., Impact of fuel and driving cycle on the chemical composition of particulate matter emitted by various automobile engines, 22nd European Aerosol Conference, Tours, France, 4-9 septembre 2016
8. CARPENTIER Y., IRIMIEA C., ORTEGA I. K., PIRIM C., CHAZALLON B., ZISKIND M., FACCINETTO A., THERSSEN E., FOCSA C., Improvement of the laser two-step mass spectrometry (L2MS) technique for the surface analysis of aerosol particles using VUV coherent sources, 22nd European Aerosol Conference, Tours, France, 4-9 septembre 2016
9. THERSSEN E., IRIMIEA C., CARPENTIER Y., FOCSA C., Characterization of soot particles and their precursors using Laser Induced Incandescence, Laser Induced Fluorescence, and Time of Flight Mass Spectrometry, 7th international workshop on Laser Induced Incandescence, Tahoe City-California, 19th-23rd June 2016
10. PIRIM C., IKHENZAENE R., CARPENTIER Y., FOCSA C., CHAZALLON B., Etude de l'activité glaciogène d'analogues de suies d'avion à partir de la phase vapeur, Workshop de la subdivision Spectroscopie Optique et Neutronique: Matériaux et Environnement, Villeneuve d'Ascq, France, 7-8 juin 2016
11. IKHENZAENE R., PIRIM C., CARPENTIER Y., FOCSA C., CHAZALLON B., OUF F.-X., Caractérisation des analogues de suies d'avion par spectroscopie Raman, Workshop de la subdivision Spectroscopie Optique et Neutronique: Matériaux et Environnement, Villeneuve d'Ascq, France, 7-8 juin 2016
12. PIRIM C., IKHENZAENE R., CARPENTIER Y., FOCSA C., CHAZALLON B., Airplane Soot Surrogates and Their Ice Nucleation Activity: Investigations in Deposition Mode, 4th Workshop on Microphysics of Ice Clouds, Vienne, Autriche, 15-17 avril 2016

13. THERSSEN E., IRIMIEA C., CARPENTIER Y., FOCSA C. "Characterization of soot particles and their precursors in diffusion flame of methane by in-situ laser diagnostics and ex-situ laser desorption/ionization/mass spectrometry, European Aerosol Conference, Tours (France); 4th - 9th September 2016
14. THERSSEN E., IRIMIEA C., CARPENTIER Y., FOCSA C. Characterization of soot particles and their precursors using Laser Induced Incandescence, Laser Induced Fluorescence, and Time of Flight Mass Spectrometry, 7th international workshop on Laser Induced Incandescence, Tahoe City-California, 19th-23rd June 2016
15. LAMOUREUX N., SYLLA M.D., GASNOT L., Impact of methylbutanoate oxidation on NO formation in laminar low pressure flames, COST Action CM1404, SMARTCATs, Lisbon November 2016
16. FACCINETTO A., MERCIER X., MOUTON T., EL BAKALI A., AUBAGNAC KARKAR D., BETRANCOURT C., DESGROUX P., Experimental and modeling study of the soot formation process in very low sooting low pressure methane flames, 2nd general meeting Smartcats, Lisboa, 14-16 november, 2016
17. AUBAGNAC-KARKAR D., EL-BAKALI A., DESGROUX P., Detailed soot modelling in laminar methane flames, 24th International Symposium on Gas Kinetics and Related Phenomena, 17 - 21 July 2016, York
18. FARAH, J., GOSSELIN, S., PETITPREZ, D., BAROUDI, M., VISEZ, N., Ozone-induced chemical modifications of pollen coating. Colloque annuel du Groupe Français de Cinétique et Photochimie, Reims (France), 2016.
19. F. THEVENET, M. ROMANIAS, Geo-photocatalysis : sorption properties and photo-reactivity of natural mineral dusts, SPASEC-21, Atlanta, USA, November 13-17, 2016
20. TOMAS, Processus de photolyse de COV : quelle importance dans la chimie atmosphérique ?, XXXVIème colloque annuel du Groupe Français de Cinétique et de Photochimie GFCP, Reims, 31 mai-1er juin 2016
21. P.N. MELKI, S. BILLET, Y. LANDKOCZ, S. AOUAD, F. LEDOUX, R.M. ABDEL-MASSIH, D. COURCOT. Direct and indirect genotoxic damages and epigenetic modifications induced by fine particulate matter from industrial and rural influenced sites in Lebanon. European Environmental Mutagenesis and Genomics Society 2016 meeting, Panum Institute, Copenhagen, Denmark, 14th - 18th August 2016.
22. D. COURCOT, A. VERDIN, F. LEDOUX, Y. LANDKOCZ, P.J. MARTIN, S. BILLET, G. TREMOLET, F. CAZIER, S. BOUHSINA, M. GUALTIERI, P. SHIRALI. Key note. Atmospheric fine particulate matter: from chemical characterization to the study of toxicological effects on human bronchial epithelial cells. 5th Sino-French Joint Workshop on Atmospheric Environment, Xi'an, China, October 11-14, 2016.
  - **En tant que participant.e**
23. VEKEMANS X., Comparative genomic structure of self-incompatibility loci in flowering plants, Conférence Jacques Monod on "Evolutionary genomics and systems biology: bringing together theoretical and experimental approaches". Roscoff, 2016
24. BURGHGRAEVE N., CHANTREAU M., SIMON S., VEKEMANS X., BILLIARD S., CASTRIC V. Emergence of functional and regulatory novelty at the self-incompatibility locus in Arabidopsis. Conférence Jacques Monod on "Evolutionary genomics and systems biology: bringing together theoretical and experimental approaches". Roscoff, 2016
25. SIMON S., CASTRIC V. Evolution of dominance/recessivity interactions between self-incompatibility alleles in Arabidopsis. SMBE Gold Coast, Australia 2016
26. CHANTREAU M., CASTRIC V. Emergence of functional and regulatory novelty at a molecular lock-and-key system. GDR AIEM, Montpellier 2016
27. MARTIN H., VEKEMANS X., VAN ROSSUM F., ROUX C., TOUZET P. Allopatry and linked selection drive the speciation of *Silene nutans* lineages. Evolution meeting, Austin TX, 2016
28. CARPENTIER F., MARTIN H., GALLINA S., MUYLE A., MARAIS G., TOUZET P. Evolution of sex chromosomes in *Silene otites* and *S. pseudotites*. Evolution meeting, Austin TX, 2016
29. BILLON G., GORNY J., LESVEN L. On the use of DGT in aquatic systems., L. 10<sup>ème</sup> Journées Scientifiques de l'Université de Toulon, 26-27 avril 2016, Toulon.

30. IVANOVSKY A., DUMOULIN D., CRIQUET J., SUPERVILLE P.-J., PRYGIEL J., ALARY C., BILLON G. Focus on physicochemical parameters and nutrient dynamics in a little peri-urban river, using different frequency monitoring (northern France). EGU, 17-22 april 2016 Vienna (Austria).
31. PRYGIEL E., BILLON G. ; FRANÇOIS A., DUMOULIN D., CHAUMONT A., GEFFARD O., CRIQUET J., PRYGIEL J. .Impact de la remise en suspension de sédiments contaminés par les métaux en milieu navigué sur les gammarens encagés (*Gammarus fossarum*). SEFA, 29-30 juin 2016, Reims (France).
32. BAVA Y. B., PICONE A. L., TAMONE L. M., SENG S., TOBON Y. A., SOBANSKA S., ROMANO R. M.. Matrix photochemistry of organic sulfur-containing species with atmospheric interest. Chemistry and Physics at Low Temperatures 2016 –CPLT2016-, 3-8 Juillet, Biarritz-France
33. NOBLE P.J., VAN DE VIJVER B., VERLEYEN E., PRYGIEL J., IVANOVSKY A., LESVEN L. and BILLON G.. Spatial and temporal variations in diatoms from La Chaîne des Lacs urban watershed, Nord-Pas de Calais, France, in relation to water quality. AGU, 12-16 December 2016, San Francisco (USA).
34. F. LEDOUX, A. KFOURY, G. DELMAIRE, G. ROUSSEL, D. COURCOT. Evidencing distant and local influences of industrial and other metal sources in PM<sub>2.5</sub> in a medium city. 18th International Conference on Heavy Metals in the Environment, Ichmet 2016, Ghent, Belgium, September 12-15, 2016
35. P.N. MELKI, S. BILLET, Y. LANDKOCZ, V. ANDRÉ, S. AOUAD, F. LEDOUX, F. SICHEL, R.M. ABDEL-MASSIH, D. COURCOT. Génotoxicité directe et indirecte de particules fines atmosphériques collectées sous influences industrielle et rurale au Liban. Forum annuel de la Société Française de Toxicologie Génétique, Paris, France, 23-24 juin 2016
36. C. ROCHE, F. LEDOUX, M. BORGIE, G. DELMAIRE, G. ROUSSEL, M. PUIGT, D. COURCOT. Origins of PM<sub>10</sub> in northern coast of France: a one year study to estimate maritime contributions in the Strait of Dover. 22nd European Aerosol Conference, Tours, France, 4-9 septembre 2016
37. Flament P., S. Mbengue, L.Y. Alleman and K. Deboudt, Sources Contribution to Metal Concentration in PM<sub>2.5</sub> in a Coastal Industrialized Area, 18th International Conference on Heavy Metals in the Environment (ICHMET 2016), 12 - 15 September 2016 - Gent, Belgium.