

COMMUNICATIONS ORALES

2020

Sur invitation

1. LO GUIDICE JM. EVALUATION CHEZ L'HOMME DE MARQUEURS D'EFFETS DE LA POLLUTION ATMOSPHERIQUE. JOURNÉE SCIENTIFIQUE DE L'IREPSE. CONFÉRENCE EN LIGNE. 13 NOVEMBRE 2020
2. LECLERCQ-DRANSART J., DEMUYNCK S., GRUMIAUX F., LEMIERE S., PERNIN C., LEPRÊTRE A., LES ISOPODES TERRESTRES FACE AU DÉRÈGLEMENT CLIMATIQUE, ORAL COMMUNICATION, ACTA OF THE 6ÈME 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 (LIEN)
3. CHOËL, M., DEBOUDT, K., SECORDEL, X., VISEZ, N., 2020. POLLUTION OF BIRCH CATKINS AND POLLEN GRAINS BY ATMOSPHERIC PARTICULATE MATTER. 7TH EUROPEAN SYMPOSIUM ON AEROBIOLOGY, CORDOBA, SPAIN, NOV. 2020.
4. VANHOVE G., OPPORTUNITIES TO INVESTIGATE AUTO- AND ASSISTED IGNITION THROUGH KINETIC STUDIES IN THE LOW-TEMPERATURE COMBUSTION REGIME, IEA COMBUSTION TCP MEETING, 2020.
5. PIQUOT Y., 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.
6. GOMES A.S.P., VALLET V., RÉAL F., HALBERT L., RELATIVISTIC EQUATION OF MOTION COUPLED CLUSTER THEORY. PREMIÈRE RÉUNION GÉNÉRALE DU GDR NBODY : PROBLÈME QUANTIQUE À N CORPS EN CHIMIE ET PHYSIQUE, JAN 2020, LILLE, FRANCE. (HAL-02434413)
7. VALLET V., RÉAL F., GOMES A.S.P., KERVAZO S., MOHAMAD SAAB, VIROT F., GONG Y, GIBSON J.K. CHALLENGES IN RELATIVISTIC ELECTRONIC STRUCTURE CALCULATIONS OF GAS-PHASE REACTIVITY AND THERMODYNAMICS OF ACTINIDE SPECIES. INTERNATIONAL WORKSHOP ON THEORY FRONTIERS IN ACTINIDE SCIENCES: CHEMISTRY AND MATERIALS, FEB 2020, SANTA FE, UNITED STATES. (HAL-02459463)
8. ROOSE A., DUFLOT D., TOUBIN C., DUSANTER, S., RIFFAULT V., EXPERIMENTAL AND THEORETICAL STUDY OF THE UPTAKE OF PEROXY RADICALS BY ORGANIC AEROSOL SURFACES. PSI, VILLIGEN, FEB 2020, VILLIGEN, SWITZERLAND. (HAL-02964832)
9. LAMONEDA PANADES BARRUETA R., AUTOMATIC COMPUTATION OF GLOBAL (INTERMOLECULAR) POTENTIAL ENERGY SURFACES FOR (NON) COVALENTLY BOUND SYSTEMS, JOURNÉE CHIMIE THÉORIQUE ET SIMULATION MOLÉCULAIRE IDF/NORD, CHIMIE PARISTECH. JUNE 2020, PARIS, FRANCE.
10. TOUBIN C., HOUEIJ H., INFUSO M., GRÉGOIRE A.C., LE BOURDON G., CANTREL L., TAAMALLI S., LOUIS F., DUFLOT D., SOBANSKA S., EXPERIMENTAL AND THEORETICAL STUDY ON THE CAPTURE/DESORPTION OF GASEOUS METHYL IODIDE ON SEA SALT AEROSOLS. EGU GENERAL ASSEMBLY 2020, MAY 2020, VIENNA, AUSTRIA. 2020. (HAL-02559632)
11. TOUBIN C., ROOSE A., FOTSING-KWETCHE C., DUFLOT D., OPOKU R., GOMES A.S.P., OZGUREL, O., RÉAL F., MOLECULAR LEVEL MODELING OF AEROSOL PARTICLES: INPUTS AND LIMITATIONS. EUROPEAN VIRTUAL WORKSHOP ON MOLECULAR SIMULATIONS OF ATMOSPHERIC SYSTEMS, VIRTUAL WORKSHOP, JUNE 2020, LAUSANNE, SWITZERLAND. (HAL-02964828)
12. RÉAL F., VALLET V., GOMES A.S.P., KERVAZO S., SAAB M., VIROT F., GONG Y., GIBSON J.K., CHALLENGES IN RELATIVISTIC ELECTRONIC STRUCTURE CALCULATIONS OF GAS-PHASE REACTIVITY AND THERMODYNAMICS OF ACTINIDE SPECIES. PLUTONIUM FUTURES 2020, JUNE 2020, MONTPELLIER, FRANCE. (HAL-02471893)

13. LAMONEDA PANADES BARRUETA R., ON THE AUTOMATIC COMPUTATION OF GLOBAL (INTERMOLECULAR) POTENTIAL ENERGY SURFACES FOR QUANTUM DYNAMICAL SIMULATIONS, SYMPOSIUM AND SUMMER SCHOOL ON PHYSICS OF IONIZED GASES, ŠABAC, AUGUST 2020, SERBIA.

14. GOMES A.S.P., DETERMINING CORE ELECTRON BINDING ENERGIES WITH FOUR-COMPONENT BASED EOM-CCSD APPROACHES. TORUN'S ASTROCHEMISTRY, THEORETICAL SPECTROSCOPY AND QUANTUM CHEMISTRY GROUP MINISYMPOSIUM, OCT 2020, TORÚN, POLAND. (HAL-02983707)

15. VALLET V., DUFLOT D., REAL F., GOMES A.S.P., TOUBIN C., LOUIS F., 2020 ET LES PREMIERS PAS DU « CLUSTER DE RECHERCHE » OVERSEE (MODÉLISATION INNOVANTE DES AÉROSOLS DE RADIONUCLÉIDES ». JOURNÉE SCIENTIFIQUE IREPSE, NOV 2020, LILLE, FRANCE. (HAL-03003208)

En tant que participant.e

1. JACOB F., DE OLIVEIRA ALVES N, BAMPOURIS V, PERDRIX E, ALLEMAN L, ANThERIEU S, GARÇON G, LO GUIDICE JM, TOMAS A. Generation of biogenic secondary organic aerosols for the assessment of their health impacts. Conférence en ligne MED2020 : L'expertise méditerranéenne au service des décideurs publics ; La recherche sur le climat et l'environnement au service des objectifs du développement durable. 16-18 novembre 2020

2. Milena Walaszek, Justine Criquet, Lise Cary, Gabriel Billon, Aurélie Bouvet, et al.. Dynamiques de transfert des COHV dans la nappe de la craie des champs captants du sud de Lille. 13ème congrès international du GRUTTEE, GRUTTEE, Feb 2020, Rennes, France. (hal-02997597)

3. Nicolas Visez, Jinane Farah, Sylvie Gosselin, M. Choël. Modification of lipids of allergenic pollen grains by ozone. 7th European Symposium on Aerobiology, Virtual Edition, Nov 2020, Cordoba, Spain. (hal-03005282)

4. M. Choël, Karine Deboudt, Xavier Sécordel, Nicolas Visez. Pollution of birch catkins and pollen grains by atmospheric particulate matter. 7th European Symposium on Aerobiology, Virtual Edition, Nov 2020, Cordoba, Spain. (hal-03005288)

5. Luc Labarrière, Aurélien Moncomble, Jean-Paul Cornard. Mixed experimental and theoretical study of 2',3-dihydroxyflavone and its dual fluorescence. PhotOnline, Oct 2020, on line, France. (hal-02998526)

6. Mel Constant, Claire Alary, Gabriel Billon. Assessing the real concentrations of microplastic and their actual effects on marine biota. YOUMARES 11 conference, Oct 2020, Hambourg, Germany. (hal-03012887)

7. Mel Constant, Claire Alary, Gabriel Billon, David Dumoulin, Myriam Moreau, et al.. Prospective study on macroplastics and microplastics in dredging sediments. micro2020 international conference, Nov 2020, Lanzarote, Spain. (hal-03012914)

8. Cornet, C., Rosenfeld D., Aviad S., Binet R., Crebassol P., Defer E., Frid A., Holodovsky V., Kaidar A., Peroni R., Pierangelo C., Price C., Ricard D., Schechner Y. Y.6 ,, Tabary P., Yair Y., 2020: C3IEL, The Cluster for Cloud Evolution, ClmatE and Lightning to study Cloud and Water Vapor Interactions, Virtual Event, 2020 November 16-18, oral

9. Hu. Q, P. Goloub, I. Vesselovskii, T. Podvin, Transported californian smoke layers over Lille, Journée Scientifique, Workshop ACTRIS-France, 10 novembre, 2020.

10. Popovici E., P. Goloub, T. Podvin, L. Blarel, G. Dubois, A. Lapionak, M.F. Sánchez-Barrero, L. Proniewski, S. Victori, B. Holben, D. Giles, A. La Rosa, T. Eck, M. Sorokin, J. Schafer, A. Smirnov, A. Sinyuk, I. Slutsker, J. Kraft, J. Campbell and E. Welton Smoke Observations by Lidar and Sun Photometer Mobile Measurements during FIREX AQ campaign in summer 2019I., European Lidar conference, November 2020.

11. Sourdeval O, Gryspeerdt E., Mülmenstädt J., Krämer M., and Quaas J., Satellite-based estimate of the climate forcing due to aerosol - ice cloud interactions; EGU 2020, Vienna

12. Veselovskii, Q., Hu, P. Goloub, T. Podvin and M. Korenskiy, Potential of Fluorescence Lidar for Aerosol Characterization and for the Study of Aerosol –Clouds InteractionI. European Lidar conference, November 2020.

13. ASSY. E., HANOUNE B., Evaluation of indoor air quality in dwellings using miniature sensors, Indoor Air 2020 virtual – the 16th conference of the International Society of Indoor Air Quality and Climate, Seoul (Corée), 2020.
14. H. BOUZIDI, L. FAYAD, C. COEUR, N. HOUZEL, D. PETITPREZ, A. FACCINETTO, J. WU, J. ONDRACEK, J. SCHWARZ, V. ZDIMAL, A. ZUEND, A. TOMAS, Hygroscopic behavior of secondary organic aerosols generated from the dark ozonolysis of α terpinene, 6th CaPPA Scientific Day, 5 March 2020, Villeneuve d'Ascq (FR)
15. Choël, Marie, Karine Deboudt, Xavier Secordel, et N. Visez. « Pollution of Birch Catkins and Pollen Grains by Atmospheric Particulate Matter ». Présenté à European Symposium on Aerobiology, virtual edition, novembre 2020.
16. CRUMEYROLLE S., HANOUNE B., ROUYVOY R., KASSI R., LOISIL R. DELEGOVE C., Apolline, le réseau lillois de capteurs de pollution, Atelier INSU- défi 15 « nouveaux capteurs environnementaux », Banyuls-sur-Mer, 2020
17. CRUMEYROLLE S., HANOUNE B., Capteurs de polluants, qualité de l'air et impacts, Journée scientifique IREPSE, Villeneuve d'Ascq, 13 novembre 2020
18. DE RAS K., VAN DE VIJVER R., KUSENBERG M., TRAN L.-S., SONG H., PANAGET T., THYBAUT J.W., VANHOVE G., VAN GEEM K.M., Unravelling the Combustion and Pyrolysis Chemistry of Oxymethylene Ethers As Potential e-Fuel, 2020 AIChE Annual Meeting, 19th November 2020.
19. DE RAS K., VAN DE VIJVER R., SONG H., TRAN L.-S., KUSENBERG M., PANAGET T., THYBAUT J, VANHOVE G., VAN GEEM K. A combined modeling and experimental study on low- and high-temperature oxidation chemistry of OME-3 as novel fuel additive. Low-Carbon Combustion (Joint Meeting of the French and British sections of the Combustion Institute), Lille, France. 5-6 November 2020.
20. D. DUCA, M. VOJKOVIC, Y. CARPENTIER, A. FACCINETTO, M. ZISKIND, C. PIRIM, C. FOCSA, A new method for the determination of the adsorption energy of aromatic compounds on carbonaceous aerosol particles, 33rd French Congress on Aerosols 2019, 22–23 January 2020, Paris (FR)
21. IRIMIEA C., GEIGLE K.P., YIN Z., VINCENT A., ORTEGA I.K., DELHAYE D., DUFITUMUKIZA J.P., BERTHIER A., BARRELLON-VERNAY R., VANDESTOCK R., FDIDA N., RISTORI A., CHERUBINI P., CARRU D., MERCIER X., THERSEN E., GAFFIE D., MOHAMED A.K., Soot and gas pollutants topography in a semi-technical aeronautical combustor, European Aerosol Meeting – EAC 2020, Aachen, Allemagne
22. MERGULHÃO C. S., SONG H., VANHOVE G., Identifying potential lignocellulosic octane boosters through co-oxidation studies with isooctane, Low-Carbon Combustion : Joint Meeting of the French and British sections of the Combustion Institute, 5-6 November 2020, Lille.
23. PANAGET T., PILLIER L., VANHOVE G., Etude de la combustion à basse température du DME dans un brûleur à plan de stagnation, Journée François Lacas des doctorants en combustion 2020, Toulouse.
24. TRAN L.-S. Combustion of Liquid Biofuels. Journée Scientifique IRePSE, Lille, France. 13 November 2020.
25. VAN GEEM K.M., DE RAS K., VAN DE VIJVER R., KUSENBERG M., THYBAUT J.W., SONG H., PANAGET T., TRAN L.-S., VANHOVE G., A combined modeling and experimental study on low and high temperature oxidation chemistry of OME3 as novel fuel additive, Low-Carbon Combustion : Joint Meeting of the French and British sections of the Combustion Institute, 5-6 November 2020, Lille.
26. Visez, Nicolas, Jinane Farah, Sylvie Gosselin, et Marie Choël. « Modification of Lipids of Allergenic Pollen Grains by Ozone ». Présenté à European Symposium on Aerobiology, virtual edition, novembre 2020.
27. OHER H., VALLET V., VERCOUTER T., RÉAL F., Exploring excited state potential energy profile and luminescence properties of uranyl-based complexes by TRIFS and ab initio methods. International Workshop on Theory Frontiers in Actinide Sciences: Chemistry and Materials, Feb 2020, Santa Fe, United States. (hal-02460075).

28. OHER H., VERCOUTER T., RÉAL F., VALLET V., A combined ab initio and time-resolved laser-induced fluorescence study of uranium-ligand interactions. JTMS 2020 : Journées "Théorie, Modélisation et Simulation", Nov 2020, Visioconférence, France. (hal-02984085).
29. OZGUREL O., RÉAL F., DUFLOT D., MICHEL MASELLA, TOUBIN C., MD Investigation of the organic/inorganic ions selectivity at the air-liquid interface. SolvATE2020: Scientific Meeting of the GdR SolvATE, Nov 2020, Online, France. (hal-03019154)
30. OPOKU R., TOUBIN C., GOMES A.S.P., Theoretical core spectroscopy of molecules interacting with ice surfaces. SolvATE2020: Scientific Meeting of the GdR SolvATE, Nov 2020, Online, France. (hal-03019183)
31. TOUBIN C., DUFLOT D., FOTSING-KWETCHE, C., ROOSE A. Molecular level