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**ACL : Publication dans une revue à comité de lecture :**

ID : 9017 -- SHI J., BOYER G., MOURZENKO V., THOVERT J.-F.

*On the influence of boundary conditions when determining transport coefficients, from finite samples of porous media. Assessment for tomographic images of real materials*

TRANSPORT IN POROUS MEDIA, vol. ?, pp. ?-?, DOI : 10.1007/s11242-020-01404-1, 2020  
in press

ID : 8351 -- VAN MINH LE ., MARCHAND A., VERMA S., XU RUI ., WHITE J., MARSHALL A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*Simulations of a turbulent line fire with a steady flamelet combustion model coupled with models for non-local and local gas radiation effects*

FIRE SAFETY JOURNAL, vol. 106, pp. 105-113, DOI : 10.1016/j.firesaf.2019.04.011, 2019

ID : 8352 -- ROGAUME T.

*Thermal decomposition and pyrolysis of solid fuels: Objectives, challenges and modelling*

FIRE SAFETY JOURNAL, vol. 106, pp. 177-188, DOI : 10.1016/j.firesaf.2019.04.016, 2019

ID : 8407 -- NAJMI H., GASCOIN N., EL-TABACH E., AKRIDISS S.

*Transient and Spatial Evolution of Clogging of Porous Material by Filtrating Particles*

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol. 58, pp. 12261-12271, DOI : 10.1021/acs.iecr.9b01746, 2019

ID : 8438 -- MANESCAU B., WANG H. Y., COUDOUR B., GARO J. P.

*Influence of heat tightness of an enclosure fire on ignition risk of unburnt gases in a connected exhaust system - An experimental study*

FIRE SAFETY JOURNAL, vol. 109, pp. 102867--, DOI : 10.1016/j.firesaf.2019.102867, 2019

ID : 9018 -- JEANPERT J., ISEPPI M., ADLER P. M., GENTHON P., SEVIN B., THOVERT J.-F., DEWANDEL B., JOIN J.-L.

*Fracture controlled permeability of ultramafic basement aquifers. Inferences from the Koniambo massif, New Caledonia*

ENGINEERING GEOLOGY, vol. 256, pp. 67-83, DOI : 10.1016/j.enggeo.2019.05.006, 2019

ID : 9021 -- DUNY M., DHIMA D., GARO J. P., WANG H. Y.

*Numerical and theoretical evaluations of a full-scale compartment fire with an externally venting flame*

FIRE TECHNOLOGY, vol. 55, pp. 2087-2113, DOI : 10.1007/s10694-019-00845-5, 2019

ID : 9022 -- DONG H. Q., MAGNOGNOU B., GARO J. P., COUDOUR B., WANG H. Y.

*Fully coupled CFD simulation of the ignition risk of unburnt gases in an exhaust system connected to a mechanically ventilated enclosure fire*

FIRE TECHNOLOGY, vol. 55, pp. 149-174, DOI : 10.1007/s10694-018-0781-4, 2019

ID : 9023 -- COUDOUR B., CHETEHOUNA K., GARO J. P., LEMEE L.

*Thermal degradation of alpha-pinene using a Py-GC/MS*

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol. 137, pp. 1315-1328, DOI :

10.1007/s10973-019-08028-8, 2019

ID : 7806 -- MEZON C., MOURZENKO V., THOVERT J.-F., ANTOINE R., FONTAINE F., FINIZOLA A., ADLER P. M.

*Thermal convection in three-dimensional fractured porous media*

PHYSICAL REVIEW E , vol. 97, pp. 013106--, DOI : 10.1103/PhysRevE.97.013106, 2018

ID : 8080 -- MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Conductivity and Transmissivity of a Single Fracture*

TRANSPORT IN POROUS MEDIA, vol. 123, pp. 235-256, DOI : 10.1007/s11242-018-1037-y, 2018

ID : 8412 -- MANESCAU B., WANG H. Y., COUDOUR B., GARO J. P.

*Experimental Study about the Influence of Heat Tightness of an Enclosure Fire on Ignition Risk of Unburnt Gases in a Connected Exhaust System*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 1107, pp. ---, DOI : 10.1088/1742-

6596/1107/4/042001, 2018

ID : 9024 -- SHI J., BOYER G., THOVERT J.-F.

*Simulation of the pyrolysis of charring polymers: influence of the porous media properties*  
JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 1107, pp. 032008--, DOI : 10.1088/1742-6596/1107/3/032008, 2018

ID : 9025 -- WANG H. Y., DONG H. Q., MAGNOGNOU B., GARO J. P.

*A tractable solution for engineering calculations on a full scale enclosure fire*  
BIOMEDICAL JOURNAL OF SCIENTIFIC & TECHNICAL RESEARCH , vol. 4, pp. 4143-4151, DOI : 10.26717/BJSTR.2018.04.001109, 2018

ID : 9026 -- BROWN A., BRUNS M., GOLLNER M., HEWSON J., MARAGKOS G., MARSHALL A., McDERMOTT R., MERCI B., ROGAUME T., STOLIAROV S., TORERO J. L., TROUVE A., WANG Y., WECKMAN E.

*Proceedings of the 1st workshop organized by the IAFSS Working Group on Measurement and Computation of Fire Phenomena (MaCFP)*

FIRE SAFETY JOURNAL, vol. 101, pp. 1-17, DOI : 10.1016/j.firesaf.2018.08.009, 2018

ID : 9027 -- VAN MINH LE ., MARCHAND A., VERMA S., WHITE J., MARSHALL A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*Simulations of a Turbulent Line Fire with a Steady Flamelet Combustion Model and Non-Gray Gas Radiation Models*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 1107, pp. 042009--, DOI : 10.1088/1742-6596/1107/4/042009, 2018

ID : 9028 -- GIOVANNELLI G., KOUTAÏBA E., BLANCHARD E., HARRAK S. H., MEHADDI R., BOULET P., ROGAUME T., BATIOU B.

*Full-scale smoke tests in a three-storey residential building*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 1107, pp. 042027--, DOI : 10.1088/1742-6596/1107/4/042027, 2018

ID : 9029 -- COLOMBIANO J., DREAN V., ROGAUME T., RICHARD F., BATIOU B., FATEH T., NADJAI A., GUILLAUME E.

*Experimental and numerical investigations in order to model the fire development and propagation for fire safety engineering studies*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 1107, pp. 042038--, DOI : 10.1088/1742-6596/1107/4/042038, 2018

ID : 9030 -- CREMONA P., ROGAUME T., RICHARD F., BATIOU B.

*Application of the Kragten method in order to evaluate the uncertainty of the heat release rate determination using of the cone calorimeter*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 1107, pp. 032019--, DOI : 10.1088/1742-6596/1107/3/032019, 2018

ID : 9031 -- CREMONA P., BILLAUD Y., ROGAUME T., RICHARD F., BATIOU B.

*Influence of a misalignment of the cone or the sample holder on the view factor with a Monte Carlo approach*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 1107, pp. 032020--, DOI : 10.1088/1742-6596/1107/3/032020, 2018

ID : 6797 -- QUACH T., BENELFELLAH A., BATIOU B., HALM D., ROGAUME T., LUCHE J., BERTHEAU D.

*Determination of the tensile residual properties of a wound carbon/epoxy composite first exposed to fire*

JOURNAL OF COMPOSITE MATERIALS, vol. 51, pp. 17-29, DOI : 10.1177/0021998316637419, 2017

ID : 7302 -- ACEM Z., BRISSINGER D., COLLIN A., PARENT G., BOULET P., HAY YEN QUACH T., BATIOU B., RICHARD F., ROGAUME T.

*Surface temperature of carbon composite samples during thermal degradation*

INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol. 112, pp. 427-438, DOI : 10.1016/j.ijthermalsci.2016.11.007, 2017

ID : 7313 -- BENKORICHI S., FATEH T., RICHARD F.

*Investigation of thermal degradation of pine needles using multi-step reaction mechanisms*  
FIRE SAFETY JOURNAL, vol. 91, pp. 811-819, DOI : 10.1016/j.firesaf.2017.03.058, 2017  
ID : 7338 -- EL-RABII H., KAZAKOV K. A., MULLER M.

*Experimental and theoretical study of iron and mild steel combustion in oxygen flows*  
PHYSICS OF FLUIDS , vol. 29, pp. 037104--, DOI : 10.1063/1.4977746, 2017  
ID : 7341 -- FATEH T., ZHANG J., DELICHATSIOS M., ROGAUME T.

*Experimental investigation and numerical modelling of the fire performance for epoxy resin carbon fibre composites of variable thicknesses*  
FIRE AND MATERIALS, vol. 41, pp. 307-322, DOI : 10.1002/fam.2381, 2017  
ID : 7414 -- ROUSSEAU P., GREMY-GROS C., BONNIN M., HENRIEL-RICORDEL C., BERNARD P., FLOURY L., STAIGRE G., VINCENT P.

*Eco-tool-seeker": A new and unique business guide for choosing ecodesign tools*  
JOURNAL OF CLEANER PRODUCTION, vol. 151, pp. 546-577, DOI : 10.1016/j.jclepro.2017.03.089, 2017  
ID : 7422 -- THOVERT J.-F., MOURZENKO V., ADLER P. M.

*Percolation in three-dimensional fracture networks for arbitrary size and shape distributions*  
PHYSICAL REVIEW E , vol. 95, pp. 042112--, DOI : 10.1103/PhysRevE.95.042112, 2017  
ID : 7436 -- MAGNOGNOU B., GARO J. P., COUDOUR B., WANG H. Y.

*Risk analysis of unburnt gas ignition in an exhaust system connected to a confined and mechanically ventilated enclosure fire*  
FIRE SAFETY JOURNAL, vol. 91, pp. 291-302, DOI : 10.1016/j.firesaf.2017.03.036, 2017  
ID : 7447 -- FATEH T., KAHANJI C., JOSEPH P., ROGAUME T.

*A study of the effect of thickness on the thermal degradation and flammability characteristics of some composite materials using a cone calorimeter*  
JOURNAL OF FIRE SCIENCES, vol. 35, pp. 547-564, DOI : 10.1177/0734904117713690, 2017  
ID : 7487 -- ELAYEB M., DEBENEST G., MOURZENKO V., THOVERT J.-F.

*Smoldering combustion in oil shales. Influence of calcination and pyrolytic reactions*  
TRANSPORT IN POROUS MEDIA, vol. 116, pp. 889-921, DOI : 10.1007/s11242-016-0805-9, 2017  
ID : 7500 -- WANG H. Y., WANG G. D.

*A predictive solution for engineering calculations on a full scale aircraft post-crash fire*  
INTERNATIONAL JOURNAL OF ASTRONAUTICS AND AERONAUTICAL ENGINEERING, vol. 2, pp. 1-20, DOI : 10.35840/2631-5009/7504, 2017  
ID : 7501 -- WANG G. D., WANG H. Y.

*Effects of a full scale aircraft immersed within a large aviation-fuel fire in crosswind on the flame shape -- A numerical study*  
THE SCIENTIFIC PAGES OF AEROSPACE ENGINEERING AND MECHANICS, vol. 1, pp. 15-29, DOI : 10.36959/422/423, 2017  
ID : 7771 -- COURTY L., GARO J. P.

*External heating of electric cables and autoignition investigation*  
JOURNAL OF HAZARDOUS MATERIAL, vol. 321, pp. 528-536, DOI : <http://dx.doi.org/10.1016/j.jhazmat.2016.09.042> , 2017  
ID : 7772 -- KOUTAËBA E., DHIMA D., DUNY M., WANG H. Y., GARO J. P., JULLIEN Q.

*Experimental Study on Vertical Wooden Façade Combustion*  
PROCEDIA ENGINEERING, vol. 210, pp. 520-527, DOI : 10.1016/j.proeng.2017.11.109, 2017  
ID : 7941 -- BENELFELLAH A., HALM D., BERTHEAU D., BOULET P., ACEM Z., BRISSINGER D., ROGAUME T.

*Effect of a coupled thermomechanical loading on the residual mechanical strength and on the surface temperature of wound carbon/epoxy composite*  
JOURNAL OF COMPOSITE MATERIALS, vol. 51, pp. 3137-3147, DOI : 10.1177/0021998316688339, 2017  
ID : 8081 -- FATEH T., RICHARD F., ZAIDA J., ROGAUME T., JOSEPH P.

*Experimental investigation of the thermal degradation of pine needles*

FIRE AND MATERIALS, vol. 41, pp. 654-674, DOI : 10.1002/fam.2407 , 2017

ID : 5062 -- DAO D. Q., LUCHE J., ROGAUME T., BUSTAMANTE VALENCIA L., RUBAN S.

*Polyamide 6 and polyurethane used as liner for hydrogen composite cylinder: an estimation of fire behaviours*

FIRE TECHNOLOGY, vol. 52, pp. 397-420, DOI : 10.1007/s10694-014-0423-4, 2016

ID : 5474 -- LASSUS J., COURTY L., STUDER E., GARO J. P., JOURDA P., AINE P.

*Estimation of species concentrations during a fire in a reduced-scale room*

JOURNAL OF FIRE SCIENCES, vol. 34, pp. 30-50, DOI : 10.1177/0734904115617485, 2016

ID : 6203 -- PORTA G., CERIOTTI G., THOVERT J.-F.

*Comparative assessment of continuum-scale models of bimolecular reactive transport in porous media under pre-asymptotic conditions*

JOURNAL OF CONTAMINANT HYDROLOGY, vol. 185-186, pp. 1-13, DOI :

10.1016/j.jconhyd.2015.12.003, 2016

ID : 6830 -- DAO D. Q., LUCHE J., RICHARD F., ROGAUME T., BUSTAMANTE VALENCIA L., RUBAN S.

*Thermal degradation of epoxy resin/carbon fiber composites: Influence of carbon fiber amount on the fire reaction properties and on the gaseous species release*

FIRE AND MATERIALS, vol. 40, pp. 27-47, DOI : 10.1002/fam.2265, 2016

ID : 6831 -- MARQUIS D., BATIOU B., GUILLAUME E., ROGAUME T.

*Influence of reaction mechanism accuracy on the chemical reactivity prediction of complex charring material in fire condition*

JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol. 118, pp. 231-248, DOI :

10.1016/j.jaap.2016.02.007, 2016

ID : 6835 -- FATEH T., RICHARD F., BATIOU B., ROGAUME T., LUCHE J., ZAIDA J.

*Characterization of the burning behavior and gaseous emissions of pine needles in a cone calorimeter -- FTIR apparatus*

FIRE SAFETY JOURNAL, vol. 82, pp. 91-100, DOI : 10.1016/j.firesaf.2016.03.008, 2016

ID : 6836 -- BATIOU B., ROGAUME T., COLLIN A., RICHARD F., LUCHE J.

*Study on a one-step reaction of degradation model: from analytical solution formulation to global sensitivity analysis*

FIRE SAFETY JOURNAL, vol. 82, pp. 76-90, DOI : 10.1016/j.firesaf.2016.03.007, 2016

ID : 6966 -- FATEH T., RICHARD F., ROGAUME T., JOSEPH P.

*Experimental and modelling studies on the kinetics and mechanisms of thermal degradation of poly (methyl methacrylate) in nitrogen and air*

JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol. 120, pp. 423-433, DOI :

doi.org/10.1016/j.jaap.2016.06.014, 2016

ID : 7498 -- WANG H. Y., WANG G. D.

*Mathematical modelling of a full scale aircraft immersed within a large aviation-fuel fire in a moving fluid medium*

JOURNAL OF MODELING AND OPTIMIZATION, vol. 8, pp. 1-19, DOI : -, 2016

ID : 7499 -- DUNY M., DHIMA D., GARO J. P., WANG H. Y.

*Numerical investigation on window ejected facade flames*

JOURNAL OF BUILDING ENGINEERING, vol. 8, pp. 305-312, DOI : 10.1016/j.jobe.2016.05.002, 2016

ID : 7769 -- COUDOUR B., CHETEHOUNA K., CONAN B., AUBRUN S., KAISS A., GARO J. P.

*Experimental investigation of the influence of geometry on gas accumulation using a V-shape forest model*

ATMOSPHERIC ENVIRONMENT, vol. 141, pp. 67-79, DOI : 10.1016/j.atmosenv.2016.06.051, 2016

ID : 7770 -- COUDOUR B., CHETEHOUNA K., HALTER F., MOUNAIM-ROUSSELLE C., GARO J. P.

*Effects of Temperature and Equivalence Ratio on Laminar Burning Speeds of alpha-*

*Pinene/Benzene/Air Mixtures for Different Fuel Proportions*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 188, pp. 2128-2136, DOI :

10.1080/00102202.2016.1212582, 2016

ID : 4899 -- YANG C., THOVERT J.-F., DEBENEST G.

*Upscaling of mass and thermal transports in porous media with heterogeneous combustion reactions*

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER , vol. 84, pp. 862-875, DOI :

10.1016/j.ijheatmasstransfer.2015.01.043, 2015

ID : 4900 -- MULLER M., EL-RABII H., FABBRO R.

*Liquid phase combustion of iron and mild steel in an oxygen atmosphere*

JOURNAL OF MATERIAL SCIENCES, vol. 50, pp. 3337-3350, DOI : 10.1007/s10853-015-8872-9, 2015

ID : 4905 -- JASINSKI L., SANGARE D., ADLER P. M., MOURZENKO V., THOVERT J.-F., GLAND N., BEKRI S.

*Transport properties of a Bentheim sandstone under deformation*

PHYSICAL REVIEW E , vol. 91, pp. 013304--, DOI : 10.1103/PhysRevE.91.013304, 2015

ID : 5323 -- COUDOUR B., CHETEHOUNA K., RUDZ S., GILLARD P., GARO J. P.

*Investigation on Minimum Ignition Energy of mixtures of alpha-pinene--benzene/air*

JOURNAL OF HAZARDOUS MATERIAL, vol. 283, pp. 507-511, DOI : 10.1016/j.jhazmat.2014.09.057, 2015

ID : 5324 -- CONAN B., AUBRUN S., COUDOUR B., CHETEHOUNA K., GARO J. P.

*Contribution of coherent structures to momentum and concentration fluxes over a flat vegetation canopy modelled in a wind tunnel*

ATMOSPHERIC ENVIRONMENT, vol. 107, pp. 329-341, DOI : 10.1016/j.atmosenv.2015.02.061, 2015

ATMOSPHERIC ENVIRONMENT JOURNAL REFERENCE

ID : 5541 -- WANG H. Y., HERVIOU T.

*Mathematical Modelling on Chemically Reacting Boundary Type Flow under Reduced Gravity Conditions*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 574, pp. 1-15, DOI : 10.1088/1742-6596/574/1/012010, 2015

ID : 5542 -- WANG H. Y., WANG G. D.

*Interaction between crosswind and aviation-fuel fire engulfing a full scale composite-type aircraft*

JOURNAL OF AEROSPACE, vol. 2, pp. 279-311, DOI : 10.3390/aerospace2020279, 2015

ID : 5573 -- BAUD G., SALAVADOR S., DEBENEST G., THOVERT J.-F.

*New Granular Model Medium To Investigate Smoldering Fronts Propagation---Experiments*

ENERGY & FUELS, vol. 29, pp. 6780-6792, DOI : 10.1021/acs.energyfuels.5b01325, 2015

ID : 9032 -- DONG H. Q., GARO J. P., MAGNOGNOU B., WANG H. Y.

*A tractable solution for engineering calculations on buoyancy dominated turbulent non-premixed flames*

JOURNAL OF FIRE SCIENCE AND TECHNOLOGY, vol. 34, pp. 1-21, DOI : 10.3210/fst.34.1., 2015

ID : 4903 -- MULLER M., EL-RABII H., FABBRO R.

*Laser Ignition of Bulk Iron, Mild Steel, and Stainless Steel in Oxygen Atmospheres*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 186, pp. 953-974, DOI :

10.1080/00102202.2014.892363, 2014

ID : 4908 -- MOURZENKO V., VARLOTEAUX C., GUILLON S., THOVERT J.-F., PILI E., ADLER P. M.

*Barometric pumping of a fractured porous medium*

GEOPHYSICAL RESEARCH LETTER, vol. 41, pp. 6698-6704, DOI : DOI: 10.1002/2014GL060865, 2014

ID : 4910 -- ROSENZWEIG R., MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Solid matrix partition by fracture networks*

PHYSICAL REVIEW E , vol. 90, pp. 022407 -0224025, DOI : DOI:  
http://dx.doi.org/10.1103/PhysRevE.90.022407, 2014  
ID : 4912 -- MALINOUSKAYA I., THOVERT J.-F., MOURZENKO V., ADLER P. M., SHEKHAR R.,  
AGAR S., ROSERO E., TSENN M.

*Fracture analysis in the Amellago outcrop and permeability predictions*  
PETROLEUM GEOSCIENCE, vol. 20, pp. 93-107, DOI : http://dx.doi.org/10.1144/petgeo2012-094  
(2014). , 2014  
ID : 5018 -- BATIOU B., LUCHE J., ROGAUME T.

*Thermal and Chemical analysis of flammability and combustibility of fir wood in cone calorimeter  
coupled to FTIR apparatus*  
FIRE AND MATERIALS, vol. 38, pp. 418-431, DOI : 10.1002/fam.2192, 2014  
ID : 5058 -- GUILLAUME E., CAMILLO A., ROGAUME T.

*Application and limitations of a method based on pyrolysis models to simulate Railway Rolling Stock  
fire scenarios*  
FIRE TECHNOLOGY, vol. 50, pp. 317-348, DOI : 10.1007/s10694-013-0379-9, 2014  
ID : 5059 -- FATEH T., ROGAUME T., RICHARD F.

*Multi-scale modelling of the thermal decomposition of plywood*  
FIRE SAFETY JOURNAL, vol. 64, pp. 36-47, DOI : 10.1016/j.firesaf.2014.01.007, 2014  
ID : 5060 -- FATEH T., ROGAUME T., LUCHE J., RICHARD F., JABOUILLE F.

*Characterization of the Thermal Decomposition of two kinds of plywood with a cone calorimeter - FTIR  
apparatus*  
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol. 107, pp. 87-100, DOI :  
10.1016/j.jaap.2014.02.008, 2014  
ID : 5317 -- LASSUS J., COURTY L., STUDER E., GARO J. P., JOURDA P., AINE P.

*Ventilation effects in confined and mechanically ventilated fires*  
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol. 75, pp. 87-94, DOI :  
10.1016/j.ijthermalsci.2013.07.015, 2014  
ID : 5318 -- BLANCHARD E., BOULET P., FROMY P., DESANGHERE S., CARLOTTI P., VANTELON  
J. P., GARO J. P.

*Experimental and numerical study of the interaction between water mist and fire in an intermediate  
test tunnel*  
FIRE TECHNOLOGY, vol. 50, pp. 565-587, DOI : 10.1007/s10694-013-0323-z , 2014  
ID : 5319 -- COURTY L., CHETEHOUNA K., CHEN Z., HALTER F., MOUNAIM-ROUSSELLE C.,  
GARO J. P.

*Determination of laminar burning speeds and markstein lengths of p-cymene/air mixtures using three  
models,*  
COMBUSTION SCIENCE AND TECHNOLOGY, vol. 186, pp. 490-503, DOI :  
10.1080/00102202.2014.883224, 2014  
ID : 5320 -- CHETEHOUNA K., COURTY L., GARO J. P., VIEGAS D. X., FERNANDEZ-PELLO C.

*Flammability limits of biogenic volatile organic compounds emitted by fire-heated vegetation  
(Rosmarinus officinalis) and their potential link with accelerating forest fires in canyons: A Froude-  
scaling approach*  
JOURNAL OF FIRE SCIENCES, vol. 32, pp. 316-327, DOI : 10.1177/0734904113514810 , 2014  
ID : 5321 -- COUDOUR B., CHETEHOUNA K., COURTY L., GARO J. P., LEMEE L.

*Combustion characteristics of two biogenic volatile organic compounds: l-fenchone and 3-hexen-1-ol*  
COMBUSTION SCIENCE AND TECHNOLOGY, vol. 186, pp. 1284-1294, DOI :  
10.1080/00102202.2014.934568 , 2014  
ID : 5322 -- COURTY L., CHETEHOUNA K., LEMEE L., FERNANDEZ-PELLO C., GARO J. P.

*Biogenic Volatile Organic Compounds (BVOCs) Emissions of Representative Forest Vegetation at  
Elevated Temperatures and Their Potential Contribution in Accelerating Forest Fires*  
JOURNAL OF FIRE SCIENCES, vol. 32, pp. 459-479, DOI : DOI:10.1177/0734904114536128 , 2014  
ID : 5540 -- ROGER F., GOURARA A., MOST J.-M., WANG H. Y.

*Numerical investigation on the reactive gas mixing through interaction between twin square jets side-by-side and a crossflow*

CHEMICAL ENGINEERING JOURNAL, vol. 238, pp. 45-55, DOI : 10.1016/j.cej.2013.06.094, 2014  
ID : 4290 -- CHETEHOUNA K., COURTY L., MOUNAIM-ROUSSELLE C., HALTER F., GARO J. P.

*Combustion Characteristics of p-Cymene Possibly Involved in Accelerating Forest Fires*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 185, pp. 1295-1305, 2013

--

ID : 4291 -- QUANG DAO D., LUCHE J., RICHARD F., ROGAUME T., BOURHY-WEBER C., RUBAN S.

*Determination of characteristic parameters for the thermal decomposition of epoxy resin/carbon fibre composites in cone calorimeter*

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol. 38, pp. 8167-8178, 2013

--

ID : 4292 -- MARQUIS D., GUILLAUME E., CAMILLO A., ROGAUME T., RICHARD F.

*Existence and uniqueness of solutions of a differential equation system modeling the thermal decomposition of polymer materials*

COMBUSTION AND FLAME, vol. 160, pp. 818-829, 2013

--

ID : 4295 -- NASR A., SUARD S., EL-RABII H., GARO J. P., GAY L., RIGOLLET L.

*Heat feedback to the fuel surface of a pool fire in an enclosure*

FIRE SAFETY JOURNAL, vol. 60, pp. 56-63, DOI : doi:10.1016/j.firesaf.2012.12.005, 2013

--

ID : 4296 -- SANGARE D., MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Interaction between a fracture network and a cubic cavity*

PHYSICAL REVIEW E , vol. 88, pp. 033015--, 2013

--

ID : 4297 -- FATEH T., ROGAUME T., LUCHE J., RICHARD F., JABOUILLE F.

*Kinetic and mechanism of the thermal degradation of a plywood by using thermogravimetry and Fourier-transformed infrared spectroscopy analysis in nitrogen and air atmosphere*

FIRE SAFETY JOURNAL, vol. 58, pp. 25-37, 2013

--

ID : 4298 -- WANG G. D., WANG H. Y., MOST J.-M.

*Mathematical modelling of the interaction between wind and aviation-fuel fire engulfing a fuselage-sized cylinder*

JOURNAL OF FIRE SCIENCES, vol. 31, pp. 424-448, 2013

--

ID : 4299 -- FATEH T., ROGAUME T., LUCHE J., RICHARD F., JABOUILLE F.

*Modeling of the thermal decomposition of a treated plywood from thermo-gravimetry and Fourier-transformed infrared spectroscopy experimental analysis*

JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol. 101, pp. 35-44, 2013

--

ID : 4300 -- PORTA G., CHAYNIKOV S., THOVERT J.-F., RIVA M., GUADAGNINI A., ADLER P. M.

*Numerical investigation of pore and continuum scale formulations of bimolecular reactive transport in porous media*

ADVANCES IN WATER RESOURCES, vol. 62, pp. 243-253, 2013

--

ID : 4301 -- CAMILLO A., GUILLAUME E., ROGAUME T., ALLARD A., DIDIEUX F.

*Risk analysis of fire and evacuation events in the European railway transport network*

FIRE SAFETY JOURNAL, vol. 60, pp. 25-36, 2013

--

ID : 4302 -- WANG H. Y.

*Soot formation and Carbon Monoxide Production in Buoyancy-Driven Parallel Vertical Wall Fire - a*

*Computer Study*

INTERNATIONAL JOURNAL ON ENGINEERING PERFORMANCE-BASED FIRE CODES, vol. 11, pp. 27-42, 2013

- -

ID : 4305 -- LÉBOUCHER N., ROGER F., CARREAU J. L.

*Characteristics of the spray produced by the atomization of an annular liquid sheet assisted by an inner gas jet*

ATOMIZATION AND SPRAYS, vol. 22, pp. 515-542, 2012

- -

ID : 4306 -- BOULET P., PARENT G., ACEM Z., ROGAUME T., FATEH T., ZAIDA J., RICHARD F.

*Characterization of the radiative exchanges when using a cone calorimeter for the study of the plywood pyrolysis*

FIRE SAFETY JOURNAL, vol. 51, pp. 53-60, 2012

- -

ID : 4307 -- LI X. Y., Q. CHEN W., WANG H. Y., WANG G. D.

*Crack tip plasticity of a penny-shaped Dugdale crack in a power-law graded elastic infinite medium*

ENGINEERING FRACTURE MECHANICS JOURNAL, vol. 88, pp. 1-14, 2012

- -

ID : 4308 -- BLANCHARD E., BOULET P., DESANGHERE S., CESMAT E., MEYRAND R., GARO J. P., P. VANTELON J.

*Experimental and numerical study of fire in a midscale test tunnel*

FIRE SAFETY JOURNAL, vol. 47, pp. 18-31, 2012

- -

ID : 4309 -- COURTY L., CHETEHOUNA K., HALTER F., FOUCHER F., GARO J. P., MOUNAIM-ROUSSELLE C.

*Experimental determination of emission and laminar burning speeds of alpha-pinene*

COMBUSTION AND FLAME, vol. 159, pp. 1385-1392, 2012

- -

ID : 4310 -- COURTY L., CHETEHOUNA K., HALTER F., FOUCHER F., GARO J. P., MOUNAIM-ROUSSELLE C.

*Flame Speeds of  $\alpha$ -Pinene/Air and Limonene/Air Mixtures Involved in Accelerating Forest Fires*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 184, pp. 1397-1411, 2012

- -

ID : 4311 -- QUERINI F., DAGOSTINO S., MOREL S., ROUSSEAUX P.

*Greenhouse Gas Emissions of Electric Vehicles Associated with Wind and Photovoltaic Electricity*

ENERGY PROCEDIA, vol. 20, pp. 391-401, 2012

- - 2nd Technoport Renewable Energy Research Conference (RERC)

ID : 4312 -- LUCHE J., MATHIS E., ROGAUME T., RICHARD F., GUILLAUME E.

*High-density polyethylene thermal degradation and gaseous compound evolution in a cone calorimeter*

FIRE SAFETY JOURNAL, vol. 54, pp. 24-35, 2012

- -

ID : 4313 -- PORTA G., THOVERT J.-F., RIVA M., GUADAGNINI A., ADLER P. M.

*Microscale simulation and numerical upscaling of a reactive flow in a plane channel*

PHYSICAL REVIEW E, vol. 86, pp. 036102--, DOI : 10.1103/PhysRevE.86.036102, 2012

- -

ID : 4314 -- AISSANI L., JABOUILLE F., BOURGOIS J., ROUSSEAUX P.

*A new methodology for risk evaluation taking into account the whole life cycle (LCRA): Validation with case study*

PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol. 90, pp. 295-303, 2012

- -

ID : 4315 -- WANG H. Y.



*Numerical and theoretical evaluations of the propagation of smoke and fire in a full-scale tunnel*  
FIRE SAFETY JOURNAL, vol. 49, pp. 10-21, 2012

- -

ID : 4316 -- MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Percolation and permeability of fracture networks in excavated damaged zones*  
PHYSICAL REVIEW E , vol. 86, pp. 026312--, DOI : 10.1103/PhysRevE.86.026312, 2012

- -

ID : 4317 -- COURTY L., CHETEHOUNA K., LEMEE L., MOUNAIM-ROUSSELLE C., HALTER F., GARO J. P.

*Pinus pinea emissions and combustion characteristics of limonene potentially involved in accelerating forest fires*

INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol. 57, pp. 92-97, 2012

- -

ID : 4318 -- OUMINGA S. K., ROGAUME T., DAHO T., YONLI A. H., KOULIDIATI J.

*Reductive and oxidative combustion of polyethylene bags: Characterization of carbonaceous and nitrogenous species*

JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol. 98, pp. 72-78, 2012

- -

ID : 4319 -- MULLER M., FABBRO R., EL-RABII H., HIRANO K.

*Temperature measurement of laser heated metals in highly oxidizing environment using 2D single-band and spectral pyrometry*

JOURNAL OF LASER APPLICATIONS, vol. 24, pp. 022006-1-022006-11, DOI :  
<http://dx.doi.org/10.2351/1.3701400>, 2012

- -

ID : 4320 -- OUMINGA S. K., ROGAUME T., DAHO T., RICHARD F., KOULIDIATI J.

*Thermal Degradation of Polyethylene Bags and Millet Stalks: Influence of the Temperature and the Local Concentration of Oxygen on the Conversion Rate of Carbon*

ADVANCES IN CHEMICAL ENGINEERING AND SCIENCE, vol. 2, pp. 155-165, 2012

- -

ID : 4221 -- THOVERT J.-F., MOURZENKO V., ADLER P. M., NUSSBAUM C., PINETTE P.

*Faults and fractures in the Gallery 04 of the Mont Terri rock laboratory: Characterization, simulation and application*

ENGINEERING GEOLOGY, vol. 117, pp. 39-51, 2011

- -

ID : 4253 -- BOGDANOV I. I., HUAMAN D., THOVERT J.-F., GENTHON P., ADLER P. M.

*Tectonic stresses seaward of an aseismic ridge---Trench collision zone. A remote sensing approach on the Loyalty Islands, SW Pacific*

TECTONOPHYSICS, vol. 499, pp. 77-91, 2011

- -

ID : 4254 -- HURAND S., CHAUNY L. A., EL-RABII H., JOSHI S., YALIN A. P.

*Mode coupling and output beam quality of 100-400  $\mu$ m core silica fibers*

APPLIED OPTICS, vol. 50, pp. 492-499, 2011

- -

ID : 4255 -- JOSHI S., EL-RABII H., DUMITRESCU C., PUZINAUSKAS P., YALIN A. P.

*Temperature and electron density measurements of laser induced plasmas in air at elevated pressures*

SPECTROSCOPY LETTERS , vol. 44, pp. 103-112, 2011

- -

ID : 4256 -- LUCHE J., ROGAUME T., RICHARD F., GUILLAUME E.

*Characterization of thermal properties and analysis of combustion behavior of PMMA in a cone calorimeter*

FIRE SAFETY JOURNAL, vol. 46, pp. 451-461, 2011

- -

ID : 4257 -- WANG H. Y., MERINO J. L. F.

*Quenching of a Boundary-Layer Laminar Diffusion Flame in Microgravity*  
AIAA JOURNAL , vol. 49, pp. 383-395, 2011

- -

ID : 4258 -- MILOUA H., AZZI A., WANG H. Y.

*Evaluation of different numerical approaches for a ventilated tunnel fire*  
JOURNAL OF FIRE SCIENCES, vol. 29, pp. 403-429, 2011

- -

ID : 4259 -- MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Permeability of isotropic and anisotropic fracture networks, from the percolation threshold to very large densities*

PHYSICAL REVIEW E , vol. 84, pp. 36307-, 2011

- -

ID : 4260 -- MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Trace analysis for fracture networks with anisotropic orientations and heterogeneous distributions*  
PHYSICAL REVIEW E , vol. 83, pp. 31104-, 2011

- -

ID : 4261 -- NASR A., SUARD S., EL-RABII H., GAY L., GARO J. P.

*Fuel Mass-Loss Rate Determination in a Confined and Mechanically Ventilated Compartment Fire Using a Global Approach*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 183, pp. 1342-1359, 2011

- -

ID : 4262 -- QUERINI F., BEZIAT J. C., MOREL S., BOCH V., ROUSSEAU P.

*Life cycle assessment of automotive fuels: critical analysis and recommendations on the emissions inventory in the tank to wheels stage*

INTERNATIONAL JOURNAL OF LIFE CYCLE ASSESSMENT , vol. 16, pp. 454-164, 2011

- -

ID : 4263 -- QUERINI F., MOREL S., BOCH V., ROUSSEAU P.

*USEtox relevance as an impact indicator for automotive fuels. Application on diesel fuel, gasoline and hard coal electricity*

INTERNATIONAL JOURNAL OF LIFE CYCLE ASSESSMENT , vol. 16, pp. 829-840, 2011

- -

ID : 4264 -- ROGAUME T., VALENCIA L. B., GUILLAUME E., RICHARD F., LUCHE J., REIN G., TORERO J. L.

*Development of the Thermal Decomposition Mechanism of Polyether Polyurethane Foam Using Both Condensed and Gas-Phase Release Data*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 183, pp. 627-644, 2011

- -

ID : 4265 -- ROUSSEAU B., DE SOUSA-MENESES D., ECHEGUT P., THOVERT J.-F.

*Textural parameters influencing the radiative properties of a semitransparent porous media*

INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol. 50, pp. 178-186, 2011

- -

ID : 4266 -- THOVERT J.-F., ADLER P. M.

*Grain reconstruction of porous media: Application to a Bentheim sandstone*

PHYSICAL REVIEW E , vol. 83, pp. 56116-, 2011

- -

ID : 4267 -- WANG H. Y., MERINO J. L. F., DAGAUT P.

*Effects of soot formation on shape of a nonpremixed laminar flame established in a shear boundary layer in microgravity*

JOURNAL OF PHYSICS CONFERENCE SERIES, vol. 327, pp. ---, 2011

- - International Symposium on Physical Sciences in Space

ID : 4289 -- MOURZENKO V., BOGDANOV I. I., THOVERT J.-F., ADLER P. M.

*Three-dimensional numerical simulation of single-phase transient compressible flows and well-tests in fractured formations*

MATHEMATICS AND COMPUTERS IN SIMULATION , vol. 81, pp. 2270-2281, DOI : 10.1016/j.matcom.2010.12.014, 2011

- -

ID : 4392 -- ANDRADE F. O., FIGUEIRA DA SILVA L. F., MURA A.

*Large Eddy Simulation of Turbulent Premixed Combustion at Moderate Damköhler Numbers Stabilized in a High-Speed Flow*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 183, pp. 645-664, 2011

- -

ID : 4149 -- JOULIN G., DENET B., EL-RABII H.

*Potential-flow models for channelled two-dimensional premixed flames around near-circular obstacles*

PHYSICAL REVIEW E , vol. 81, pp. 16314-, 2010

- -

ID : 4219 -- GARO J. P., VANTELON J. P., LEMONNIER D.

*Effect on Radiant Heat Transfer at the Surface of a Pool Fire Interacting With a Water Mist*

JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME, vol. 132, pp. 1-9, 2010

- -

ID : 4222 -- EL-RABII H., JOULIN G., KAZAKOV K. A.

*Premixed Flame Propagation in Channels of Varying Width*

SIAM JOURNAL OF APPLIED MATHEMATICS, vol. 70, pp. 3287-3318, 2010

- -

ID : 4223 -- EL-RABII H., JOULIN G., KAZAKOV K. A.

*Stability analysis of confined V-shaped flames in high-velocity streams*

PHYSICAL REVIEW E , vol. 81, pp. 66312-, 2010

- -

ID : 4224 -- GERBAUX O., BUYENS F., MOURZENKO V., MEMPONTEIL A., VABRE A., THOVERT J.-F., ADLER P. M.

*Transport properties of real metallic foams*

JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol. 342, pp. 155-165, 2010

- -

ID : 4225 -- LASSUS J., GARO J. P., VANTELON J. P., LAMUTH P., GAUTIER B.

*Simulation of ignition risk of unburnt gases in the extraction vent of a room fire*

TRENDS IN HEAT & MASS TRANSFER, vol. 12, pp. 17-24, 2010

- -

ID : 4226 -- LASSUS J., STUDER E., GARO J. P., VANTELON J. P., JOURDA P., AINE P.

*Influence of Ventilation on Ignition Risk of Unburnt Gases in the Extraction Duct of Underventilated Compartment Fire*

COMBUSTION SCIENCE AND TECHNOLOGY, vol. 182, pp. 517-528, 2010

- -

ID : 4227 -- LEMBOUCHER N., ROGER F., CARREAU J. L.

*Disintegration Process of an annularLiquid Sheet Assisted by Coaxial Gaseous Coflow(s)*

ATOMIZATION AND SPRAYS, vol. 20, pp. 847-862, 2010

- -

ID : 4228 -- LI X. Y., CHEN W. Q., WANG H. Y.

*General steady-state solutions for transversely isotropic thermoporoelastic media in three dimensions and its application*

EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, vol. 29, pp. 317-326, 2010

- -

ID : 4229 -- ROGAUME T., RICHARD F., ANDZI.BARHE T., TORERO J. L., ROUSSEAU P.

*Numerical study of NO<sub>x</sub> formation during incineration of cellulosic and plastic materials: The combustion regime*

INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol. 49, pp. 443-453, 2010

- -

ID : 4230 -- SANGARE D., THOVERT J.-F., ADLER P. M.

*Macroscopic properties of fractured porous media*

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS , vol. 389, pp. 921-935, 2010

- -

ID : 4231 -- VICTOROVA S. B., EL-RABII H., GUBINB S. A., MAKLASHOVAB I. V., BOGDANOVAB Y. A.

*An Accurate Equation-of-State Model for Thermodynamic Calculations of Chemically Reactive Carbon-Containing Systems*

JOURNAL OF ENERGETIC MATERIALS, vol. 28, pp. 35-49, 2010

- -

ID : 6170 -- MARTINS M. F., SALAVADOR S., THOVERT J.-F., DEBENEST G.

*Co-current combustion of oil shale -- Part 2: Structure of the combustion front*

FUEL, vol. 89, pp. 144-151, DOI : 10.1016/j.fuel.2009.06.040, 2010

ID : 6171 -- MARTINS M. F., SALVADOR S., THOVERT J.-F., DEBENEST G.

*Co-current combustion of oil shale -- Part 1: Characterization of the solid and gaseous products*

FUEL, vol. 89, pp. 133-143, DOI : 10.1016/j.fuel.2009.06.036, 2010

-----  
**ACLN : Articles dans des revues avec comité de lecture non répertoriées dans des bases de données internationales :**

ID : 9033 -- ROUSSEAUX P., GREMY-GROS C., HENRIEL-RICORDEL C.

*Système d'information d'outils d'écoconception -- Conception et analyse*

TECHNIQUE DE L'INGENIEUR, vol. g6020v1, pp. 1-30, DOI : -, 2019

ID : 5326 -- ROUSSEAUX P., LICHOU M., ALKOSHAK O.

*Analyse des risques du cycle de vie : application à deux filières énergétiques en France*

REVUE FRANCAISE DE GESTION INDUSTRIELLE, vol. 34, pp. 7-24, 2015

hal-02365515?

ID : 2580 -- OUMINGA S. K., ROGAUME T., YONLI A. H., DISSA A. O., KOULIDIATI J.

*Characterization of carbonaceous and nitrogenous species during the reductive and oxidative combustion of biomass: case of millets stalks*

CHEMICAL JOURNAL, vol. 2, pp. 166-173, 2012

- -

ID : 2581 -- OUMINGA S. K., ROGAUME T., DISSA A. O., OUOBA S., DAHO T., KOULIDIATI J.

*Contribution to the Design of a Pottery Kiln Using as Fuel a Mixture of Cellulosic and Plastic Materials: Influence of the Proportion of Plastic on the Emissions of NO, CO<sub>2</sub>, O<sub>2</sub>*

JOURNAL OF ANALYTICAL SCIENCES, METHODS AND INSTRUMENTATION, vol. 2, pp. 176-186, 2012

- -

ID : 2582 -- OUMINGA S. K., ROGAUME T., DAHO T., OUOBA S., KOULIDIATI J.

*Modélisation de la combustion d'un mélange de matériaux cellulosique et plastique dans un four de potier : influence des débits d'air primaires et secondaires sur les émissions de NO, CO<sub>2</sub> et O<sub>2</sub>*

JOURNAL DE LA SOCIETE OUEST AFRICAINE DE CHIMIE- THE CHEMICAL ABSTRACT, vol. 34, pp. ---, 2012

- -

ID : 6110 -- QUERINI F., ROUSSEAUX P.

*Analyse du cycle de vie : évaluation des impacts (version 3)*

Techniques de l'Ingénieur, Système de management environnemental produits et ACV, Réf internet 42627, vol. g5610 v2, pp. 51-62, 2012

-----  
**INV : Conférences invitées :**

ID : 9034 -- ROGAUME T.

*Experimental investigation of porous material behavior in fire conditions*

Von Karman Institute for Fluid Dynamics, 2019  
ID : 9035 -- RICHARD F.  
*Modeling porous material combustion in fire conditions*  
Von Karman Institute for Fluid Dynamics, 2019  
ID : 9036 -- GARO J. P.  
*Evolution d'un feu dans une structure bâimentaire*  
3ème Journée Nationale Thématique Incendie, 2019  
ID : 9037 -- ROGAUME T.  
*Thermal decomposition of solid fuels. Objectives, challenges and modelling. Keynote lecture*  
European symposium on fire safety sciences, (ESFSS2018), 2018  
ID : 9038 -- GARO J. P., DESROCHES S.  
*Composition des fumées lors d'un feu dans une structure bâimentaire*  
Colloque ANDSSP : Pompiers en danger : l'exposition aux fumées tue !, 2018  
ID : 9039 -- COUDOUR B., GARO J. P., WANG H. Y.  
*Usage et effets de l'eau : action de l'eau sur l'incendie*  
Colloque de Sciences Appliquées au sapeurs-pompiers, 2018  
ID : 9040 -- RICHARD F.  
*Physics and chemistry of the gas-condensed phase interface*  
12th International Symposium on Fire Safety Science, 2017  
ID : 6219 -- ADLER P. M., THOVERT J.-F., MOURZENKO V.  
*Random fracture networks: percolation, geometry and flow*  
AGU Fall Meeting. 2015, 2015  
ID : 5109 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X.  
*Explorative Methods to Improve Design Fires for Early Stages in Tunnels Fires*  
2nd annual Tunnels Fire Safety forum, 2014  
ID : 6174 -- ADLER P. M., MOURZENKO V., THOVERT J.-F., PILI E., GUILLON S.  
*Barometric Pumping of a Fractured Porous Medium*  
AGU Fall Meeting. 2014, 2014  
ID : 4325 -- ROUSSEAUX P.  
*Outils d'évaluation des cycles de vie*  
Congrès Français de Mécanique (CFM 2013), 2013  
ID : 4326 -- GARO J. P.  
*Boilover Phenomenon, Hazards, Characterization of the Consequences, of Storage Tank Aggressions*  
NATO STO/Von-karman Institute Short Course, june 4-6, 2013, 2013  
ID : 4327 -- BATIOU B., ROGAUME T.  
*Combustion des matériaux polymères et toxicité*  
Société Chimique de France, 2012  
ID : 4328 -- ROGAUME T.  
*Etudes expérimentales multi-échelles en sécurité incendie -- exemple de la décomposition thermique des matériaux solides*  
International symposium on combustion and energetic systems for the sustainable development, 2012  
ID : 6138 -- CHETEHOUNA K., COURTY L., LEMEE L., GARO J. P., GILLARD P.  
*Experimental determination of volatile organic compounds emitted by Thymus vulgaris*  
3rd International Conference on Modelling, Monitoring and Management of Forest Fires, 2012  
ID : 6108 -- ROUSSEAUX P.  
*Energies renouvelables et impacts environnementaux*  
Pour un développement créatif et durable : déchets et énergie, énergies renouvelables et collectivités locales , 2011  
ID : 4249 -- MOST J.-M.  
*Influence of the Containment on the Behavior of a Buoyancy Driven Diffusion Flame Conference on Energy Conversion and Conservation*  
CICME'10'. 2010. , 2010  
ID : 4250 -- ROGAUME T.  
*Les dispositifs expérimentaux d'étude de la dégradation thermique*  
9ème séminaire, CSTB Paris. in 17-18 Juin 2010 - GDR. Feux n°18038, , 2010  
ID : 4391 -- VANTELON J. P.  
*Risque d'inflammation de gaz imbrules au cours d'un incendie en milieu confine-ventile Conférence organisée par le Groupe AREVA pour ses ingénieurs Sécurité*  
Risque d'inflammation de gaz imbrules au cours d'un incendie en milieu confine-ventile Conférence organisée par le Groupe AREVA pour ses ingénieurs Sécurité 2010. , 2010  
-----

**ACTI : Congrès internationaux avec actes :**

ID : 9044 -- XU RUI ., VAN MINH LE ., MARCHAND A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*Simulations of the Coupling between Combustion and Radiation in a Turbulent Line Fire Using an Unsteady Flamelet Model*

2020 Spring Technical Meeting of the Eastern States Section of the combustion Institute, 2020

ID : 9045 -- XU RUI ., VAN MINH LE ., MARCHAND A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*The Unsteady Response of Radiating Laminar Diffusion Flames Exposed to Decreasing Mixing Rate Conditions Representative of Fires*

2020 Spring Technical Meeting of the Eastern States Section of the combustion Institute, 2020

ID : 9046 -- NAJMI H., LUCHE J., ROGAUME T.

*Experimental Investigation on Thermal Degradation of Multilayer Honeycomb Core Laminate Sandwich Composite in a Cone Calorimeter*

4th International Conference on Innovative Design, Analysis & Development Practices in Aerospace and Automotive Engineering, 2020

ID : 9047 -- JEANPERT J., ISEPPI M., ADLER P. M., GENTHON P., SEVIN B., THOVERT J.-F., DEWANDEL B., JOIN J.-L.

*Fracture controlled permeability of ultramafic basement aquifers; consequences for responsible water management*

AGU Fall Meeting. 2019, 2019

ID : 9048 -- VAN MINH LE ., MARCHAND A., VERMA S., WHITE J., MARSHALL A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*Simulations of a Turbulent Line Fire with a Steady Flamelet Combustion Model and Non-Gray Gas Radiation Models*

11th U.S. National Combustion Meeting, 2019

ID : 9049 -- XU RUI ., MARCHAND A., VAN MINH LE ., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*Simulation of Unsteady Radiation Effects in Laminar Diffusion Flames*

11th U.S. National Combustion Meeting, 2019

ID : 9050 -- VAN MINH LE ., MARCHAND A., XU RUI ., VERMA S., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*Flamelet modeling of combustion-radiation interactions in turbulent buoyant diffusion flames*

17th International Conference on Numerical Combustion, 2019

ID : 9051 -- COLOMBIANO J., DREAN V., ROGAUME T., BATIOT B., RICHARD F., FATEH T., NADJAI A., GUILLAUME E.

*Validation of a pyrolysis model of wood thermal decomposition under cone calorimeter*

9th International Seminar on Fire and Explosion, 2019

ID : 9052 -- MOST J.-M., CHAMPION M.

*Fire Resistance of Aeronautical Composite Materials under Reduced Pressure Conditions*

8th European Conference for Aeronautics and Space Sciences (EUCASS 2019), 2019

ID : 7945 -- BENELFELLAH A., HALM D., ROGAUME T., BERTHEAU D., GRATTON M.

*Modelling of Thermochemical Behaviour of a Wound Carbon/Epoxy Composite Exposed to Fire*

18th European Conference on Composite Materials (ECCM 18), 2018

ID : 7947 -- MERCADE C., HALM D., ROGAUME T.

*Thermomechanical Damage Models for Type IV Hydrogen Vessels Subjected to Fire*

18th European Conference on Composite Materials (ECCM 18), 2018

ID : 8083 -- MEZON C., MOURZENKO V., THOVERT J.-F., ADLER P. M., PILI E.

*Thermal convection in fractured porous media of water with variable physical properties*

EGU General Assembly 2018, 2018

ID : 8084 -- SHI J., BOYER G., THOVERT J.-F.

*Simulation of the pyrolysis of charring polymers: influence of the porous media properties*

ESFSS 2018 : European Symposium on Fire Safety Science, 2018

ID : 8085 -- MOST J.-M., CHAMPION M.

*For a more sustainable and safe aviation*

International Symposium on Sustainable Aviation 2018, 2018

ID : 8086 -- MERCADE C., HALM D., ROGAUME T.

*Comparison of two modeling approach of the thermochemical damage of type IV hydrogen vessels subjected to fire*

18th European Conference on Composite Materials (ECCM 18), 2018

ID : 9053 -- LE V. M., MARCHAND A., VERMA S., WHITE J., MARSHALL A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.

*Simulations of a Turbulent Line Fire with a Steady Flamelet Combustion Model and Non-Gray Gas Radiation Models*  
3rd European Symposium on Fire Safety Science (ESFSS 2018), 2018  
ID : 9054 -- MARCHAND A., VAN MINH LE ., VERMA S., WHITE J., MARSHALL A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.  
*Large eddy simulations of a methane-Air turbulent line fire using flamelet combustion and non-gray gas radiation models*  
Spring Technical Meeting 2018 ESSCI, 2018  
ID : 9055 -- MARCHAND A., LE V. M., VERMA S., WHITE J., MARSHALL A., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.  
*Large Eddy Simulations of a Turbulent Line Fire using a Steady Laminar Flamelet Combustion Model Coupled to a Non-Gray Gas Radiation Model*  
FM Global workshop, 2018  
ID : 9056 -- CREMONA P., BILLAUD Y., ROGAUME T., RICHARD F., BATIOU B.  
*Influence of a misalignment of the cone or the sample holder on the view factor with a Monte Carlo approach*  
3rd European Symposium on Fire Safety Science (ESFSS 2018), 2018  
ID : 9057 -- MANESCAU B., WANG H. Y., COUDOUR B., GARO J. P.  
*Experimental study about the influence of heat tightness of an enclosure fire on ignition risk of unburnt gases in a connected exhaust system*  
3rd European Symposium on Fire Safety Science (ESFSS 2018), 2018  
ID : 7475 -- ROBLIN S., RICHARD F., ROGAUME T., TROUVE A.  
*Identification of the solid fuel auto-ignition characteristics: Direct Numerical Simulation of the PMMA auto-ignition under cone calorimeter configurations*  
15th International conference Fire and Materials (FAM), 2017  
ID : 7491 -- THOVERT J.-F., MOURZENKO V., ADLER P. M.  
*Percolation of Fracture Networks and Stereology*  
Conference on Fractured Rock and Groundwater, NGWA, 2017  
ID : 7497 -- MOST J.-M., CHAMPION M.  
*Effects of pressure and oxygen concentration on a stabilized premixed combustion*  
11th Asia Pacific Conference on Combustion, (11APCC), 2017  
ID : 7502 -- DUNY M., BOSTRĂŢCĂ M. C., DHIMA D., GARO J. P., WANG H. Y.  
*Impact of the ventilated air gap on fire propagation along wooden façade -- an experimental study*  
2nd International Fire Safety Symposium, 2017  
ID : 7503 -- KOUTAËBA E., DHIMA D., DUNY M., GARO J. P., WANG H. Y., JULLIEN D.  
*Experimental study on vertical wooden façade combustion*  
6th International Workshop on Performance, Protection & Strengthening of Structures under Extreme Loading, 2017  
ID : 7773 -- MAGNOGNOU B., COUDOUR B., GARO J. P., WANG H. Y.  
*Risk Assessment of Unburnt Gas Ignition in an Exhaust System Connected to a Confined and Mechanically Ventilated Enclosure Fire*  
12th International Symposium on Fire Safety Science, 2017  
ID : 9058 -- MEZON C., ADLER P. M., MOURZENKO V., THOVERT J.-F.  
*Thermal Convection in a 3D Fractured Porous Medium*  
51st U.S. Rock Mechanics/Geomechanics Symposium, 2017  
ID : 9059 -- BENKORICHI S., FATEH T., RICHARD F., CONSALVI J.-L., NADJAI A.  
*Investigation of thermal degradation of pine needles using multi-step reaction mechanisms*  
12th International Symposium on Fire Safety Science (IAFSS), 2017  
ID : 9060 -- DUNY M., BOSTRĂŢCĂ M. C., DHIMA D., GARO J. P., WANG H. Y.  
*Fire tests of ventilated and underventilated wooden façades*  
2nd International Fire Safety Symposium (IFireSS), 2017  
ID : 6923 -- DUNIS M., DHIMA D., GARO J. P., WANG H. Y.  
*Experimental study on vertical fire spread along a wooden façade*  
2nd International Seminar for Fire Safety of Facades, 2016  
ID : 6968 -- MERCADE C., HALM D., ROGAUME T.  
*Modelling the gaseous-mechanical couplings behavior of a composite material in condition of fire*  
17th European Conference on Composite Materials (ECCM 17), 2016  
ID : 7488 -- THOVERT J.-F., MOURZENKO V., ADLER P. M.  
*Random fracture networks: percolation, geometry and flow*  
EGU General Assembly 2016, 2016  
ID : 7489 -- MEZON C., MOURZENKO V., THOVERT J.-F., ANTOINE R., FONTAINE F., FINIZOLA A., ADLER P. M.

*3D convection in a fractured porous medium : influence of fracture network parameters and comparison to homogeneous approach*  
EGU General Assembly 2016, 2016  
ID : 7490 -- GUIBERT R., HORGUE P., THOVERT J.-F., DEBENEST G.

*Two-step Upscaling Method Applied to Non-Darcy Flow*  
78th EAGE Conference & Exhibition 2016, 2016  
ID : 7496 -- MOST J.-M., DAHIKAR S., CHAMPION M.

*Development of a new laboratory scale burnthrough apparatus for aeronautical composites*  
13th International Conference on Combustion & Energy Utilization (ICCEU), 2016  
ID : 5091 -- MEZON C., FARGIER Y., MOURZENKO V., ANTOINE R., FINIZOLA A., THOVERT J.-F., RICCI T., FAUCHARD C., ADLER P. M.

*Geophysical characterization and numerical modelling of the summit hydrothermal system of Stromboli volcano, Aeolian Islands, Italy*  
4th European Geothermal Workshop, EGW2015, 2015  
ID : 5116 -- DAO D. Q., ROGAUME T., LUCHE J., RICHARD F., BUSTAMANTE VALENCIA L., BATIO B.

*Testing fire protective performance of intumescent flexible foam and cork material used for high pressure composite cylinders*  
9th Mediterranean Combustion Symposium, 2015  
ID : 5117 -- FATEH T., ZHANG J., DELICHATSIOS M., ROGAUME T.

*Fire Performance For Epoxy Resin Carbon Fiber Composites Of Variable Thicknesses*  
9th Mediterranean Combustion Symposium, 2015  
ID : 5118 -- DAO D. Q., TRAN T. H., LUCHE J., ROGAUME T., RICHARD F., BUSTAMANTE VALENCIA L.

*Thermal insulating performance of intumescent foam and cork oak applied to composite material for high pressure cylinder application*  
10th Asia Oceania Symposium on Fire Science and Technology, 2015  
ID : 5124 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X.

*Determination of the fire behavior of an Acrylonitrile Butadiene Styrene material using a Controlled Atmosphere Cone Calorimeter*  
14th International conference Fire and Materials (FAM), 2015  
ID : 5126 -- ROBLIN S., BATIO B., ROGAUME T., RICHARD F., BAILLARGEAT J., POISSON M.

*Improvement of firefighters' training: behavior of the constraints during compartment fire behavior trainings in shipping container*  
2nd IAFSS European Symposium of Fire Safety Science, 2015  
ID : 5139 -- ADLER P. M., MOURZENKO V., THOVERT J.-F., PILI E., GUILLON S.

*Barometric pumping of a fractured porous medium*  
International Association of Hydrogeologists 42nd Congress, AQUA2015 , 2015  
ID : 5141 -- ADLER P. M., MOURZENKO V., THOVERT J.-F., PILI E., GUILLON S.

*Parametric study of barometric pumping of a fractured porous medium*  
European Geosciences Union General Assembly 2015, EGU2015 , 2015  
ID : 5147 -- BALIN S., SALAVADOR S., DEBENEST G., THOVERT J.-F.

*CO and CO2 formation at carbon smoldering -- Combustion tube experiments*  
MCS-2015, Ninth Mediterranean Combustion Symposium, 2015  
ID : 5543 -- WANG H. Y., SAHRAOUI H.

*Mathematical modelling on backdraft phenomena*  
9th Mediterranean Combustion Symposium, 2015  
ID : 5544 -- WANG H. Y., WANG G. D.

*Interaction between crosswind and aviation-fuel fire engulfing a full scale aircraft -- A numerical study*  
25th International Colloquium on the Dynamics of Explosions and Reactive Systems (ICDERS), 2015, 2015  
ID : 6172 -- MEZON C., MOURZENKO V., THOVERT J.-F., ANTOINE R., FINIZOLA A., ADLER P. M.

*Natural thermal convection in fractured porous media*  
AGU Fall Meeting. 2015, 2015  
ID : 6173 -- THOVERT J.-F., ADLER P. M., MOURZENKO V.

*Transmissivity and conductivity of single fractures*  
AGU Fall Meeting. 2015, 2015  
ID : 6899 -- COUDOUR B., CHETEHOUNA K., COURTY L., GARO J. P., LEMEE L., MOUNAIM-ROUSSELLE C., HALTER F.

*Laminar burning speeds of alpha-pinene/benzene/air mixtures involved in the combustion in forest fires*



25th International Colloquium on the Dynamics of Explosions and Reactive Systems (ICDERS), 2015, 2015  
ID : 6921 -- DUNIS M., DHIMA D., GARO J. P., WANG H. Y.  
*Numerical modeling of a vertical wall fire*  
International Fire Safety Symposium (IFireSS), 2015  
ID : 6922 -- DUNIS M., DHIMA D., GARO J. P., WANG H. Y.  
*Numerical investigation on window ejected façade flames*  
International Fire Safety Symposium (IFireSS), 2015  
ID : 5113 -- FATEH T., ROGAUME T., RICHARD F.  
*Pyrolysis modeling influence on the burning rate prediction during the thermal decomposition of plywood*  
11th International Symposium on Fire Safety Science (IAFSS), 2014  
ID : 5114 -- DAO D. Q., ROGAUME T., LUCHE J., RICHARD F., BUSTAMANTE VALENCIA L., RUBAN S.  
*Fire protective performance of intumescent paint and ablative elastomer used for high pressure hydrogen composite cylinder*  
11th International Symposium on Fire Safety Science (IAFSS), 2014  
ID : 5119 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X.  
*Development of an experimental design methodology adapted to Controlled Atmosphere Cone Calorimeter in order to evaluate the thermal degradation of solid materials in tunnel fires*  
6th International Symposium on Tunnel Safety and Security (ISTSS), 2014  
ID : 5120 -- DAO D. Q., ROGAUME T., LUCHE J., RICHARD F., BUSTAMANTE VALENCIA L., RUBAN S.  
*Epoxy resin reinforced carbon fiber composite used for hydrogen storage cylinders -- An evaluation of fire protection coatings*  
247th American Chemical Society national Meeting and exposition, Chemistry and materials for energy, 2014  
ID : 5121 -- BENELFELLAH A., HALM D., ROGAUME T., BERRO-RAMIREZ J. P., ALEMANY MARI V.  
*Study of the mechanical behavior of composite structures submitted to fire exposure*  
Mechanics of Composites (MECHCOMP2014), 2014  
ID : 5122 -- ALEMANY MARI V., BERRO-RAMIREZ J. P., HALM D., ROGAUME T., ROPITAL M.  
*Residual strength of wound composite pressure vessels subjected to fire exposure*  
16th European Conference on Composite Materials (ECCM16), 2014  
ID : 5123 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X.  
*Evaluation of the thermal decomposition of solid materials in tunnel related conditions with a controlled atmosphere cone calorimeter*  
3rd International Conference Fire in Vehicles (FIVE), 2014  
ID : 5149 -- THOVERT J.-F., ROSENZWEIG R., MOURZENKO V., ADLER P. M.  
*Geometrical Characterization of Blocks in Fractured Media*  
AGU Fall Meeting. 2014, 2014  
ID : 5151 -- ADLER P. M., VARLOTEAUX C., MOURZENKO V., THOVERT J.-F., GUILLON S., PILI E.  
*Barometric pumping of a fractured porous medium*  
European Geosciences Union General Assembly 2014, EGU2014 , 2014  
ID : 6027 -- MOST J.-M., CLAVERIE A., DENIS D., GUIGAY G.  
*Influence of an obstacle on the behavior of a gravity wave and flow mixing before a backdraft phenomenon*  
17th International Symposium on Applications of Laser Techniques to Fluid Mechanics, 2014  
ID : 6215 -- ADLER P. M., MOURZENKO V., THOVERT J.-F.  
*Flow and Transport in Fractured Porous Media*  
ASME Energy Forum Live - Oil & Gas, Shale Development and Hydraulic Fracturing , 2014  
ID : 6891 -- LASSUS J., COURTY L., GARO J. P., STUDER E., JOURDA P., AINE P.  
*Experimental approach to estimate species concentrations in a compartment fire*  
11th International Symposium on Fire Safety Science (IAFSS), 2014  
ID : 6893 -- COUDOUR B., CHETEHOUNA K., RUDZ S., GILLARD P., GARO J. P.  
*Minimum Ignition Energy of ?-pinene-benzene/air mixtures*  
10th International Symposium on Hazards, Prevention, and Mitigation of Industrial Explosions (ISHPMIE), 2014, 2014  
ID : 6895 -- COURTY L., CHETEHOUNA K., LEMEE L., GARO J. P.  
*Experimental determination of the gaseous emissions of three vegetal species*  
21st International Congress of Chemical and Process Engineering, CHISA, 2014

ID : 6897 -- COUDOUR B., CHETEHOONA K., CONAN B., AUBRUN S., GARO J. P.  
*Experimental investigation of the influence of geometry on forest emission flow using a V-shape forest model*  
3rd International Conference on Modelling, Monitoring and Management of Forest Fires, 2014

ID : 6898 -- COURTY L., CHETEHOONA K., GARO J. P., FERNANDEZ-PELLO C.  
*Experimental investigations on accelerating forest fires thermochemical hypothesis,*  
3rd International Conference on Modelling, Monitoring and Management of Forest Fires, 2014

ID : 4329 -- COUDOUR B., CHETEHOONA K., COURTY L., GARO J. P., LEMEE L., MOUNAIM-ROUSSELLE C., HALTER F.  
*Combustion Characteristics of Two Biogenic Volatile Organic Compounds: l-fenchone and 3-hexen-1-ol*  
24th International Colloquium on the Dynamics of Explosions and Reactive Systems, 28 July 2013 to 02 August 2013, 2013

ID : 4330 -- COURTY L., CHETEHOONA K., HALTER F., FOUCHER F., GARO J. P., MOUNAIM-ROUSSELLE C.  
*Determination of laminar burning speeds and markstein lengths of p-cymene/air mixtures using three models*  
8th Mediterranean Combustion Symposium, MCS-13, 8-13 September, 2013, 2013

ID : 4331 -- BATIOU B., FATEH T., ROGAUME T.  
*Experimental and numerical investigation of thermal degradation for two kinds of wood*  
Fire and Materials, 2013, 2013

ID : 4332 -- MOURZENKO V., JASINSKI L., THOVERT J.-F., ADLER P. M.  
*Flow, transport and reactions in fractured porous media*  
ASME 2013, International Mechanical Engineering Congress & Exposition, 2013

ID : 4333 -- ADLER P. M., MALINOUSKAYA I., THOVERT J.-F., MOURZENKO V., SHEKHAR R., AGAR S., ROSERO E., TSENN M.  
*Fracture analysis in the Amellago outcrop and permeability predictions*  
EGU General Assembly 2013, 2013

ID : 4334 -- COUDOUR B., CHETEHOONA K., COURTY L., GARO J. P., MOUNAIM-ROUSSELLE C., HALTER F.  
*Laminar burning speeds and Markstein lengths of p-cymene possibly involved in accelerating forest fires*  
6th European Combustion Meeting, 25-28 June, 2013, 2013

ID : 4336 -- DONG H. Q., GARO J. P., WANG H. Y.  
*Numerical modeling on molecular species concentrations in buoyancy dominated turbulent non-premixed flame*  
8th Mediterranean Combustion Symposium, MCS-13, 8-13 September, 2013, 2013

ID : 4337 -- WANG H. Y., SAHRAOUI H.  
*Numerical Study on Backdraft Phenomena,*  
European Combustion Meeting, 2013, 2013

ID : 4338 --  
*Percolation and permeability of heterogeneous fracture networks*  
EGU General Assembly 2013, 2013

ID : 4339 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., ADLER P. M.  
*Reactive transport in fractured porous media*  
5th International Conference on Porous Media & Annual Meeting, Interpore 2013, 2013

ID : 4340 -- ADLER P. M., MOURZENKO V., THOVERT J.-F.  
*Transmissivity and conductivity of single fractures*  
EGU General Assembly 2013, 2013

ID : 4341 -- LASSUS J., COURTY L., GARO J. P., STUDER E., JOURDA P., AINE P., P. VANTELON J.  
*Underventilated fires in a reduced scale room with mechanical ventilation*  
8th Mediterranean Combustion Symposium, MCS-13, 8-13 September, 2013, 2013

ID : 4342 -- RIERA C., THIRY A., COPPALLE A., GARO J. P., BEN CHEICK A., TOUPENAY S., BAZIN H.  
*Use of thermo-gravimetric analyser in forensic investigation : sensitivity analysis and application to human teeth*  
Tenth International Fire Science and Engineering Conference, 3-5 July 2013, 2013

ID : 6175 -- ADLER P. M., MOURZENKO V., THOVERT J.-F.  
*Percolation and permeability of heterogeneous fracture networks*  
EGU General Assembly 2013, 2013

ID : 6176 -- BALIN S., SALAVADOR S., DEBENEST G., THOVERT J.-F.

*Smoldering in granular porous media: CO and CO<sub>2</sub> formation at carbon oxidation*  
 XIIIth International Conference on Combustion, Energy Utilisation and Thermodynamics, ICCEUT  
 2013, 2013  
 ID : 4344 -- PATRIARCHE D., PILI E., ADLER P. M., THOVERT J.-F.  
*Fracture analysis and flow simulations in the Roselend fractured granite*  
 IMVUL research network Conference, " Groundwater Vulnerability -- Emerging Issues and New  
 Approaches" 2012, 2012  
 ID : 4345 -- NUSSBAUM C., GIBERT D., LE GONIDEC Y., NICOLLIN F., MAINEULT A.,  
 WIECZOREK K., WASSERMANN J., LESPARRE N., THOVERT J.-F., ADLER P. M., LAVIELLE B.,  
 BOSSART P.  
*Geophysical monitoring of the excavation damaged zone during a gallery excavation in the opalinus  
 clay: a first synthesis*  
 5th International meeting on "Clays in Natural and Engineered Barriers for Radioactive Waste  
 Confinement", 2012 , 2012  
 ID : 4346 -- THOVERT J.-F., ADLER P. M.  
*Grain reconstruction of porous media: Application to a Bentheim sandstone*  
 4th International Conference on Porous Media & Annual Meeting, INTERPORE 2012, 2012  
 ID : 4347 -- QUERINI F., DAGOSTINO S., BOCH V., ROUSSEAU P.  
*Greenhouse gas emissions of electric vehicles associated with wind and photovoltaic electricity., ,  
 April, 16-18, 2012.*  
 Renewable Energy Research Conference (RERC), 2012  
 ID : 4348 -- THOVERT J.-F., SANGARE D., MOURZENKO V., ADLER P. M.  
*Interaction between a percolation network and a cubic cavity*  
 AGU Fall Meeting. 2012, 2012  
 ID : 4349 -- AISSANI L., JABOUILLE F., BOURGOIS J., ROUSSEAU P.  
*Life cycle risk assessment (LCRA): description of this methodological proposal and a case of study*  
 6th World Congress SETAC (Society of Environmental Toxicology and Chemistry), 2012  
 ID : 4350 -- ADLER P. M., THOVERT J.-F., MOURZENKO V.  
*Macroscopic properties of fracture networks from the percolation threshold to very large densities*  
 EGU General Assembly 2012, 2012  
 ID : 4351 -- ADLER P. M., THOVERT J.-F., MOURZENKO V.  
*Macroscopic Properties of Isotropic and Anisotropic Fracture Networks from the Percolation Threshold  
 to Very Large Densities*  
 SIAM Conference on Uncertainty Quantification, Raleigh 2012, 2012  
 ID : 4352 -- CAMILLO A., ROGAUME T., GUILLAUME E., MARQUIS D.  
*Methodology of fire growth and toxic gases production simulation in European train vehicles*  
 International Conference on Fire in Vehicles 2012, 2012  
 ID : 4353 -- FATEH T., ROGAUME T., LUCHE J., RICHARD F., JABOUILLE F.  
*Multi-scale modeling of the thermal decomposition of a fire retardant plywood.*  
 International Congress on Fire Computer Modeling, 2012, 2012  
 ID : 4354 -- ROGER F., GOURARA A., WANG H. Y., MOST J.-M.  
*Numerical investigation on the reactive gas mixing through interaction between twin square jets side-  
 by-side and a crossflow*  
 20th International Conference on Chemical Reactors ChemREACTOR-20, 2012, 2012  
 ID : 4355 -- MOURZENKO V., THOVERT J.-F., ADLER P. M.  
*Percolation and permeability of fracture networks in Excavated Damaged Zones*  
 AGU Fall Meeting. 2012, 2012  
 ID : 4356 -- THOVERT J.-F., MOURZENKO V., ADLER P. M.  
*Permeability of isotropic and anisotropic fracture networks, from the percolation threshold to very large  
 densities*  
 4th International Conference on Porous Media & Annual Meeting, INTERPORE 2012, 2012  
 ID : 4357 -- MALINOUSKAYA I., MOURZENKO V., THOVERT J.-F., ADLER P. M.  
*Random packings of spiky particles: geometry and transport properties*  
 International Workshop on Packing Problems, 2012, 2012  
 ID : 4358 -- BATIOU B., COLLIN A., RICHARD F., LUCHE J., ROGAUME T.  
*Sensitivity analysis of solid degradation mechanism with the Arrhenius law under inert atmosphere.*  
 International Congress on Fire Computer Modeling, 2012, 2012  
 ID : 4359 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., ADLER P. M.  
*Solute reactive transport in fractured porous media*  
 IMVUL research network Conference, " Groundwater Vulnerability -- Emerging Issues and New  
 Approaches" 2012, 2012  
 ID : 4360 -- RIERA C., THIRY A., COPPALLE A., GARO J. P., BEN CHEICK A., TOUPENAY S.,

BAZIN H.

*Use of thermogravimetric analyser in forensic investigation : sensitivity analysis and application to human teeth*

International Symposium on Fire Investigation Science and Technology, 15-17 Octobre 2012, 2012  
ID : 6230 -- NGUYEN K. T., FATEH T., MOURZENKO V., ROGAUME T., THOVERT J.-F.

*Thermal degradation of porous solids exposed to fire*

4th International Conference on Porous Media & Annual Meeting, INTERPORE 2012, 2012  
ID : 4173 -- DONG Q., ROBIN V., MURA A., CHAMPION M.

*Analysis of algebraic closures for the transport equation of the mean progress variable applied to stagnating turbulent flames*

Seventh Mediterranean Combustion Symposium MCS-11. 2011. , 2011

ID : 4269 -- CAMILLO A., GUILLAUME E., ROGAUME T., CHIVAS-JOLY C., MARQUIS D.

*Relative fire risk analysis in european railway transportation*

12th International Conference Fire and Materials. 2011, 2011

ID : 4270 -- COPPALLE A., VANTELON J. P., GARO J. P., MITANCHEZ G., JOURDA P., GAVIOT-BLANC F.

*Under-Ventilated Compartment Fires: A Full-Scale Test with Wood Pallets*

Tenth International Symposium on Fire Safety Science. 2011, 2011

ID : 4271 -- COURTY L., CHETEHOUNA K., HALTER F., FOUCHER F., GARO J. P., MOUNAIM-ROUSSELLE C.

*Determination of  $\alpha$ -Pinene/Air Premixed Flame Speeds Involved in Accelerating Forest Fires and Real Accidents*

23rd International Colloquium on the Dynamics of Explosions and Reactive Systems (ICDERS), 2011, 2011

ID : 4272 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., ADLER P. M.

*Reactive Flow in Fractured Porous Media*

3rd international conference on porous media 2011, 2011

ID : 4273 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., ADLER P. M.

*Flow, transport and reactions in fractured porous media*

European Geosciences Union (EGU) General Assembly 2011, 2011

ID : 4274 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., ADLER P. M.

*Reactive flow in fractured porous media*

AGU Fall Meeting. 2011, 2011

ID : 4277 -- MARQUIS D., GUILLAUME E., CAMILLO A., PAVAGEAU M., ROGAUME T.

*Usage of controlled-atmosphere cone calorimeter to provide input data for toxicity modelling*

12th International Conference Fire and Materials. 2011, 2011

ID : 4278 -- NASR A., SUARD S., EL-RABII H., GARO J. P.

*Experimental study on pyrolysis of a heptane pool fire in a reduced-scale compartment*

The Seventh Mediterranean Combustion Symposium 2011, 2011

ID : 4279 -- ADLER P. M., THOVERT J.-F., MOURZENKO V.

*Macroscopic properties of isotropic and anisotropic fracture networks from the percolation threshold to very large densities*

AGU Fall Meeting. 2011, 2011

ID : 4280 -- QUERINI F., MOREL S., BOCH V., ROUSSEAU P.

*Influence of driving cycles in fuel LCA*

5th International Conference on Society & Materials, SAM5. 2011. , 2011

ID : 4281 -- QUERINI F., MOREL S., BOCH V., ROUSSEAU P.

*Global, regional and local environmental impacts : LCA indicators for energy & mobility*

LCM 2011 - Towards Life Cycle Sustainability Management. 2011. , 2011

ID : 4282 -- SAPA B., PLION P., GAY L., NMIRA F., WANG H. Y.

*On the Numerical modeling of buoyancy-dominated turbulent diffusion flames by using URANS with a turbulence model*

7th Mediterranean Combustion Symposium. 2011, 2011

ID : 4283 -- SUARD S., NASR A., MELIS S., GARO J. P., EL-RABII H., GAY L., RIGOLLET L., AUDOUIN L.

*Analytical Approach for Predicting Effects of Vitiated Air on the Mass Loss Rate of Large Pool Fire in Confined Compartments International Symposium of Fire Safety Science*

Tenth International Symposium on Fire Safety Science. 2011, 2011

ID : 4284 -- WANG H. Y.

*Mathematical modelling of a large-scale ventilated tunnel fire*

23rd International Colloquium on the Dynamics of Explosions and Reactive Systems (ICDERS), 2011, 2011

ID : 4285 -- WANG H. Y., MERINO J. L. F., DAGAUT P.  
*Effects of soot formation on shape of a nonpremixed laminar flame established in a shear boundary layer in microgravity*  
 4th International Symposium on Physical Science in Space. 2011. , 2011

ID : 4286 -- COURTY L., CHETEHOUNA K., HALTER F., BERTIN V., GARO J. P., MOUNAIM-ROUSSELLE C.  
*On the emission and combustion characteristics of limonene involved in Accelerating Forest Fires*  
 The Seventh Mediterranean Combustion Symposium 2011, 2011

ID : 6228 -- LUCHE J., FALCOZ Q., BASTIEN T., LENINGER J. P., ARABI K., AUBRY O., KHACEF A., CORMIER J. M., LEDE J.  
*Plasma Treatments and Biomass Gasification*  
 1st International Symposium on Electrical Arc and Thermal Plasmas in Africa (ISAPA) 2011, 2011

ID : 6231 --  
*Determination of characteristic parameters for the thermal decomposition of epoxy resin/carbon fiber composites in cone calorimeter*  
 4th International Conference on Hydrogen Safety, 2011, 2011

ID : 4220 -- MOURZENKO V., THOVERT J.-F., ADLER P. M., NUSSBAUM C., PINETTE P.  
*Faults and fractures in Gallery 04 of the Mont Terri rock laboratory: characterization, simulation and application*  
 AGU Fall Meeting. 2010, 2010

ID : 4232 -- ADLER P. M., PAZDNIAKOU A., THOVERT J.-F., MOURZENKO V., MALINOUSKAYA I., LI X.  
*Acoustic properties of porous media: an overview*  
 ECCM 2010, 2010

ID : 4233 -- COMUCE M., ROGAUME T., RICHARD F., LUCHE J., ROUSSEAU P.  
*Kinetics and mechanisms of thermal degradation of PMMA by non-isothermal thermogravimetry*  
 Sixth International Seminar on Fire and Explosion Hazards. 2010., 2010

ID : 4234 -- COURTY L., CHETEHOUNA K., CATOIRE L., GARO J. P., CHAUMEIX N.  
*On the emission, flammability and thermodynamic properties of Volatile Organic Compounds involved in accelerating forest fires*  
 Sixth International Conference on Forest Fires Research, 2010, 2010

ID : 4235 -- FATEH T., ROGAUME T., RICHARD F., LUCHE J., ROUSSEAU P.  
*Characterization of the thermal degradation of two treated plywood in cone calorimeter*  
 Sixth International Seminar on Fire and Explosion Hazards. 2010., 2010

ID : 4237 -- PAZDNIAKOU A., MOURZENKO V., THOVERT J.-F., ADLER P. M.  
*Two-phase flow from the pore scale to the field scale*  
 XVIII International Conference on Computational Methods in Water Resources (CMWR 2010). 2010. , 2010

ID : 4238 -- SENNOUNE M., SALAVADOR S., DEBENEST G., MOURZENKO V.  
*Mixing of an Oil Shale With Inert or Reactive Media to Avoid Decarbonation at the Passage of a Combustion Fron*  
 2010 Canadian Unconventional Resources and International Petroleum Conference CURIPC2010. 2010., 2010

ID : 4241 -- VALENCIA L. B., ROGAUME T., GUILLAUME E., MARQUIS D., CHIVAS-JOLY C., HAY B., SCOARNEC V., REIN G., TORERO J. L.  
*Measurement and modelling of thermochemical properties of porous materials as a function of temperature during multi-stage decomposition processes*  
 12th International Conference on Fire Science and Engineering Science INTERFLAM, 2010 University of Nottingham, 2010

ID : 4251 -- COURTY L., CHETEHOUNA K., GARO J. P., VIEGAS D. X.  
*A volatile organic compounds flammability approach for accelerating forest fires*  
 Second International Conference and Modelling, Monitoring and Management of Forest Fires. 2010. , 2010

ID : 6111 -- CHOURA M., ABDMOULAH I., ROUSSEAU P.  
*Analyse du cycle de vie de deux procédés d'extraction d'huile d'olive : Chaîne continue à deux et à trois phases*  
 Colloque Eau, Déchets et Développement durable, 2010

ID : 6210 -- PAZDNIAKOU A., ADLER P. M., THOVERT J.-F., DYMITROWSKA M., MATRAY J.-M.  
*Structure and permeability of shrinkage cracks in partially saturated compacted clays*  
 4th International meeting on "Clays in Natural and Engineered Barriers for Radioactive Waste Confinement", avril 2010. , 2010

ID : 6212 -- SANGARE D., JASINSKI L., GLAND N., MOURZENKO V., YOUSSEF S., THOVERT J.-

F., VIZIKA O., ADLER P. M.  
*CT-based characterization and simulation of a Bentheim sandstone*  
ECCM 2010, 2010

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**COM : Congrès internationaux sans actes ou avec actes à diffusion restreinte :**

ID : 4380 -- MARTIN D., LUCHE J., RICHARD F.

*Etude de la dégradation thermique de revêtements de sol plastique type PVC*

GDR Feux, 16ème séminaire, 2013, 2013

ID : 4381 -- STASSINOPOULOS A., GARO J. P.

*Etude de la propagation incendie dans les chais de Cognac*

GDR Feux, 16ème séminaire, 2013, 2013

ID : 4382 -- GARO J. P.

*Utilisation de la modélisation en similitude pour des feux en milieu confiné ou semi-confiné, quelles sont les limites*

GDR Feux, 16ème séminaire, 2013, 2013

ID : 4375 -- MALINOUSKAYA I., ADLER P. M., THOVERT J.-F., MOURZENKO V.

*Characterization and modelization of the geometrical and flow properties of fractured carbonates:*

*Application to Amellago outcrop data*

AAPG Joint Hedberg Research Conference, Fundamental Controls on Flow in Carbonates, 2012, 2012

ID : 4377 -- CHETEHOUNA K., COURTY L., GARO J. P.

*Etude de l'émission et des propriétés de combustion de l'α-pinene*

GDR Feux, 15ème séminaire, 2012, 2012

ID : 6229 -- LUCHE J., KHACEF A., LENINGER J. P., FALCOZ Q., BASTIEN T., ARABI K., AUBRY O., CORMIER J. M., LEDE J.

*Plasma reformer of biomass derived tars at atmospheric pressure*

4th international Annual Meeting Catalysis for Pollution Emission After treatment and Production of renewable Energies, Sep 2011, 2011

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**ACTN : Congrès nationaux avec actes :**

ID : 8087 -- COURTY L., MANESCAU B., COUDOUR B., GARO J. P., WANG H. Y.

*Ventilation conditions effects during a fire in a reduced-scale room*

3ème Environrisk -- Forum de la gestion des risques naturels et technologiques, 2018

ID : 8088 -- SHI J., BOYER G., MOURZENKO V., THOVERT J.-F.

*On the influence of boundary conditions when determining transport coefficients from digital images of porous media*

14ème Journées d'Etudes sur les Milieux Poreux (JEMP), 2018

ID : 8089 -- SHI J., BOYER G., THOVERT J.-F.

*Simulation of the pyrolysis of charring polymers: influence of the porous media properties*

14ème Journées d'Etudes sur les Milieux Poreux (JEMP), 2018

ID : 9061 -- ROUSSEAU P., LICHOU M.

*Analyse des risques de cycle de vie (A.R.C.V.)*

Congrès SFGP 2017, 2017

ID : 7492 -- THOVERT J.-F., MOURZENKO V., ADLER P. M.

*The percolation threshold of fracture networks*

13ème Journées d'Etudes sur les Milieux Poreux (JEMP2016), 2016

ID : 7493 -- MOURZENKO V., MEZON C., THOVERT J.-F., ANTOINE R., FONTAINE F., FINIZOLA A., ADLER P. M.

*3D convection in a fractured porous medium : influence of fracture network parameters*

13ème Journées d'Etudes sur les Milieux Poreux (JEMP2016), 2016

ID : 4808 -- HALM D., ROGAUME T., BERTHEAU D.

*Characterization of the resistance of high pressure hydrogen storage tanks*

Congrès Français de Mécanique (CFM 2015), 2015

ID : 4809 -- BÉNELFELLAH A., BERTHEAU D., HALM D., LAINE E., MERCADE C., ROGAUME T.

*Comportement de matériaux composites aéronautiques soumis à un chargement thermomécanique couplé*

Congrès Français de Mécanique (CFM 2015), 2015

ID : 4961 -- MERCADE C., HALM D., ROGAUME T.

*Vers une modélisation couplée de la dégradation thermo-mécanique d'un matériau composite*

Congrès Français de Mécanique, 2015

ID : 5127 -- BÉNELFELLAH A., QUACH T., HALM D., ROGAUME T., BERTHEAU D.

*Residual mechanical properties of a carbon/epoxy wound composite exposed to fire*

Congrès Français de Mécanique, 2015

ID : 5128 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X.

*Determination of the evolution of heat flux received during a cone calorimeter test using experimental measurements*

17ème Journées Internationales de Thermique, 2015

ID : 5161 -- ROSENZWEIG R., MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Solid matrix partition by fracture networks*

12ème Journées d'Etudes sur les Milieux Poreux (JEMP), 2014

ID : 5165 -- PAZDNIAKOU A., MEZBAYEV Y., MOURZENKO V., THOVERT J.-F.

*Transports and chemical reactions in a microporous solid*

12ème Journées d'Etudes sur les Milieux Poreux (JEMP), 2014

ID : 6028 -- MOST J.-M., CLAVERIE A., DENIS D., GUIGAY G.

*Influence d'un obstacle sur le développement d'une onde de gravité et sur le mélange des fluides lors de la période précédant un backdraft*

14ème Congrès Francophone de Techniques Laser (CFTL14), 2014

ID : 3563 -- ROPITAL M., ROGAUME T., HALM D.

*Etude de l'influence d'une agression thermique sur les propriétés mécaniques résiduelles de matériaux composites*

Congrès Français de Mécanique, 2013

ID : 4361 -- ROUSSEAU P., LICHOU M., ALKOSHAK O.

*Analyses des risques des cycles de vies : application à deux filières énergétiques en France*

XIe colloque francophone sur le risque, 2013

ID : 4362 -- ROUSSEAU B., ECHEGUT P., THOVERT J.-F., VICENTE J.

*Conception de matériaux multi-échelles à propriétés thermo-radiatives optimisées : apport de l'imagerie numérique 3D*

Premières journées Matériaux Numériques : De la modélisation au comportement. JMN 2013 , 2013

ID : 4363 -- FATEH T., ROGAUME T., LUCHE J., RICHARD F.

*Contribution to the multi-scale modeling of the thermal decomposition of the solids. Application to a fire retardant plywood*

Congrès Français de Mécanique, 2013

ID : 4364 -- COURTY L., CHETEHOUNA K., LEMEE L., GARO J. P., MOUNAIM-ROUSSELLE C., C. FERNANDEZ-PELLO A.

*Détermination expérimentale des émissions gazeuses de trois espèces végétales potentiellement impliquées dans les feux de forêt accélérés*

21ème congrès Français de Mécanique (CFM2013), 2013

ID : 4366 -- BATIOU B., ROGAUME T., COLLIN A.

*La théorie des états de transition utilisée pour justifier l'application de la loi d'Arrhenius à la dégradation thermique des solides*

Congrès Français de Mécanique, 2013

ID : 4367 -- RIERA C., THIRY A., COPPALLE A., GARO J. P., BAZIN H.

*Sur l'utilisation de l'analyseur thermo-gravimétrique pour l'investigation incendie*

21ème congrès Français de Mécanique (CFM2013), 2013

ID : 4368 -- NGUYEN K. T., BATIOU B., MOURZENKO V., ROGAUME T., THOVERT J.-F.

*Thermal degradation of solid porous materials exposed to fire*

Congrès Français de Mécanique, 2013

ID : 4369 -- ACEM Z., PARENT G., BOULET P., ROGAUME T., FATEH T., ZAIDA J., RICHARD F.

*Caractérisation des échanges radiatifs intervenant dans l'étude de la pyrolyse de contre plaqué à l'aide d'un cône calorimètre*

Congrès Français de Mécanique, 2012

ID : 4370 -- NGUYEN K. T., FATEH T., MOURZENKO V., ROGAUME T., THOVERT J.-F.

*Dégradation thermique de solides poreux exposés au feu*

11ème Journée d'Etudes sur les Milieux Poreux (JEMP) 2012, 2012

ID : 4371 -- ROUSSEAU P., ALKOSHAK O., LICHOU M., JABOUILLE F.

*Maitrise des risques des cycles de vie : application à l'éolien et au photovoltaïque*

Congrès Lambda Mu 18, "Maitrise des risques des systèmes complexes", 2012

ID : 4372 -- MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Percolation et perméabilité de réseaux de fractures dans la zone endommagée par une excavation "*

11ème Journée d'Etudes sur les Milieux Poreux (JEMP) 2012, 2012

ID : 4373 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., ADLER P. M.

*Transport réactif dans les milieux poreux fracturés*

11ème Journée d'Etudes sur les Milieux Poreux (JEMP) 2012, 2012

ID : 6205 -- MALINOUSKAYA L., MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Random packings of spiky particles : Geometry and transport properties*

20ème Congrès Français de Mécanique, 29 août au 2 septembre 2011, 2011

ID : 6206 -- MALINOUSKAYA L., LI X., MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Acoustic properties of saturated porous media*

20ème Congrès Français de Mécanique, 29 août au 2 septembre 2011, 2011

ID : 4244 -- MALINOUSKAYA L., LI X., PAZDNIAKOU A., MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Acoustic properties of saturated porous media*

10ème Journées d'Etudes sur les Milieux Poreux (JEMP). 2010. , 2010

ID : 4245 -- ROGAUME T.

*Les entreprises et le développement Durable*

Conférence de l'Université Inter-Ages 2010. , 2010

ID : 4247 -- SANGARE D., JASINSKI L., GLAND N., MOURZENKO V., YOUSSEF S., THOVERT J.-F., VIZIKA O., ADLER P. M.

*Geometrical and transport properties of Bentheim sandstone*

10ème Journées d'Etudes sur les Milieux Poreux (JEMP). 2010. , 2010

ID : 4248 -- THOVERT J.-F.

*Milieux fracturés*

IMFT. 2010. , 2010

ID : 6207 -- THOVERT J.-F.

*Transfert radiatif en milieux poreux: approche par simulation numérique microscopique*

Journée SFT, " Design de matériaux à propriétés radiatives fonctionnalisées : de l'angström au millimètre 2010, 2010

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**AFF : Communications par affiche dans un congrès international ou national :**

ID : 7495 -- THOVERT J.-F., MOURZENKO V., ADLER P. M.

*Percolation of Fracture Networks and Stereology*

EGU General Assembly 2017, 2017

ID : 7494 -- MEZON C., MOURZENKO V., THOVERT J.-F., ADLER P. M.

*Three dimensional natural convection in fractured porous media*

International Conference on Porous Media, INTERPORE, 2016

ID : 5145 -- MOURZENKO V., ADLER P. M., THOVERT J.-F., SANGARE D.

*Interaction between a percolation network and a cubic cavity*

European Geosciences Union General Assembly 2015, EGU2015 , 2015

ID : 5146 -- ADLER P. M., MOURZENKO V., THOVERT J.-F., PILI E., GUILLON S.

*Enhancement of tracer emanation by barometric pumping*

ASME 2015 Hydraulic Fracturing -- Serving Unconventional Oil & Gas: Equipment & Technologies Conference and Exposition, HydraFrac2015 , 2015

ID : 5328 -- LICHOU M., ALKOSHAK O., ROUSSEAU P.

*New tool, Life Cycle Risk Assessment (LCRA): application to renewable energy pathways.*

SETAC Europe 25th Annual Meeting, 2015

ID : 5574 -- ADLER P. M., MOURZENKO V., THOVERT J.-F., PILI E., GUILLON S.

*Barometric Pumping of a Fractured Porous Medium*

CTBT Science and Technology 2015 Conference, 2015

ID : 6113 -- GHAZI M., ROUSSEAU P., DUPLAY J., SCHÄ □ FER G., TRABELSI M.

*Analyse des impacts environnementaux de la teinturerie textile en zone côtière tunisienne, par l'Analyse du Cycle de vie (ACV)*

XIIIth International Symposium on Environment, Catalysis and Process Engineering (ECGP'13-2015), 2015

ID : 5129 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X.

*Methodology for predicting the thermal degradation of polymers used in road vehicles under tunnel fire related conditions*

11th International Symposium on Fire Safety Science (IAFSS), 2014

ID : 5154 -- ADLER P. M., ROSENZWEIG R., MOURZENKO V., THOVERT J.-F.

*Geometrical characterization of blocks in fractured media*

European Geosciences Union General Assembly 2014, EGU2014 , 2014

ID : 6112 -- LICHOU M., ROUSSEAU P.

*Life cycle risk assessment (LCRA): application to wind energy and photovoltaic pathways*

avniR-Conference-2014, 2014

ID : 4383 -- NGUYEN K. T., BATIOT B., MOURZENKO V., ROGAUME T., THOVERT J.-F.

*Thermal degradation of solid porous materials exposed to fire (poster)*

5th International Conference on Porous Media & Annual Meeting, Interpore 2013, 2013



ID : 4393 -- PORTA G., CHAYNIKOV S., THOVERT J.-F., RIVA M., GUADAGNINI A., ADLER P. M.  
*Pore scale simulation and upscaling of reactive transport in disordered porous media (poster)*  
 EGU General Assembly 2013, 2013

ID : 6216 -- PORTA G., CHAYNIKOV S., THOVERT J.-F., RIVA M., GUADAGNINI A., ADLER P. M.  
*Pore scale simulation and upscaling of reactive transport in disordered porous media*  
 EGU General Assembly 2013, 2013

ID : 4384 -- PORTA G., CHAYNIKOV S., THOVERT J.-F., RIVA M., GUADAGNINI A., ADLER P. M.  
*Microscale simulation of bimolecular reaction in two dimensional porous media*  
 AGU Fall Meeting. 2012, 2012

ID : 4385 -- DEBENEST G., GUYOT J. E., ABABOU R., THOVERT J.-F.  
*Random walk in heterogeneous media : Comparison between sharp and smooth interface methods*  
 AGU Fall Meeting. 2012, 2012

ID : 4386 -- ADLER P. M., JASINSKI L., THOVERT J.-F., MOURZENKO V.  
*Reactive transport in fractured porous media*  
 EGU General Assembly 2012, 2012

ID : 4387 -- QUERINI F., MOREL S., BOCH V., ROUSSEAU P.  
*Urban versus rural GIS-based distinction for human health impact in LCA. Application on automotive fuels*  
 6th SETAC World Congress, 2012

ID : 6204 -- ADLER P. M., MOURZENKO V., BOGDANOV I. I., THOVERT J.-F.  
*Three-dimensional numerical simulation of Transient compressible flows in fractured formations*  
 European Geosciences Union (EGU) General Assembly 2011, 2011

ID : 6208 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., ADLER P. M.  
*Injection of a reacting fluid into a fractured porous medium*  
 AGU Fall Meeting. 2010, 2010

ID : 6209 -- THOVERT J.-F., HUAMAN D., GENTHON P., ADLER P. M.  
*Injection Do geological field survey and remote sensing record the same fractures? The case of the corallian Loyalty Islands (SW Pacific).*  
 AGU Fall Meeting. 2010, 2010

ID : 6217 -- JASINSKI L., THOVERT J.-F., MOURZENKO V., GLAND N., YOUSSEF S., VIZIKA O., ADLER P. M.  
*Geometrical and transport properties of Bentheimer sandstone under deformation*  
 EGU General Assembly 2010 , 2010

ID : 6218 -- THOVERT J.-F., ADLER P. M.  
*Transport properties of geomaterials*  
 EGU General Assembly 2010 , 2010

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**AP : Autres conférences :**

ID : 9062 -- NAJMI H., LUCHE J., ROGAUME T.  
*Experimental Investigation on Thermal Degradation of Multilayer Composite*  
 4th International Conference on Innovative Design, Analysis & Development Practices in Aerospace and Automotive Engineering, 2020

ID : 9063 -- NAJMI H., ROGAUME T., LUCHE J.  
*Experimental characterization of fire behaviour of composite materials using cone calorimeter and permeability study*  
 23rd AIAA International Space Planes and Hypersonic Systems and Technologies Conference, 2020

ID : 9065 -- WANG H. Y., MANESCAU B., COUDOUR B., GARO J. P.  
*Effet de l'air alimentant la flamme sur le risque de la ré-inflammation des fumées dans un milieu confiné sous-ventilé*  
 GDR Feux, 27ème séminaire, 2020, 2020

ID : 9066 -- SHI J., BOYER G., THOVERT J.-F., MOURZENKO V.  
*Modélisation évolutive de la conductivité effective de mélange EVA-ATH*  
 GDR Feux, 27ème séminaire, 2020, 2020

ID : 9067 -- SHI J., BOYER G., THOVERT J.-F., MOURZENKO V.  
*Simulation de la pyrolyse de mélanges EVA-ATH et étude de sensibilité aux incertitudes de modélisation*  
 GDR Feux, 27ème séminaire, 2020, 2020

ID : 9068 -- WANG H. Y.  
*Tenir comptoir de l'ENSMA (Activités de recherche et formation)*  
 53e Salon International de l'Aéronautique et de l'Espace, 2019

ID : 9069 -- RICHARD F., QIN N., BATIOU B., COLOMBIANO J., BENHASSI T., ROGAUME T.  
*Modeling Heat & Mass transfers in a porous material*

GDR Feux 26èmes rencontres 2019, 2019

ID : 9070 -- BENHASSI T.

*Etude expérimentale de caractérisation de la couche limite réactive établie sur une paroi verticale combustible*

GDR Feux 26èmes rencontres 2019, 2019

ID : 9071 -- LE V. M., MARCHAND A., XU RUI ., ROGAUME T., RICHARD F., LUCHE J., TROUVE A.  
*Simulation numérique d'une flamme turbulente dominée par les forces de gravité avec un modèle de combustion de type flammelette instationnaire et un modèle de rayonnement non gris*

GDR Feux, 25ème rencontre 2018, 2018

ID : 9072 -- COLOMBIANO J., ROGAUME T., RICHARD F., BATIOU B., DREAN V.

*Validation des données d'entrée pour l'étude de la propagation verticale de flamme. Application au bois*

GDR Feux, 25ème rencontre 2018, 2018

ID : 9073 -- MAGNOGNOU B., ROGAUME T., RICHARD F., BATIOU B., DREAN V.

*Effet du confinement thermique sur le risque de la ré-inflammation des fumées dans un milieu confiné sous-ventilé*

GDR Feux, 25ème rencontre 2018, 2018

ID : 9041 -- LAUNAY J., ROGAUME T., BATIOU B.

*Problématique de la gestion des configurations dans l'analyse préliminaire des risques*

Rencontres inter-GTR : vers une vision systémique de la maîtrise des risques, Institut pour la Maitrise des Risques, 2017

ID : 9042 -- ROGAUME T., BATIOU B.

*Comportement au feu et tenue thermomécaniques des matériaux solides*

Colloque ECOMAT 2017, Durabilité des Ecomatériaux, 2017

ID : 9074 -- WANG H. Y.

*Propagation de la flamme le long du combustible condensé*

Journée scientifique sur la modélisation et la méthode de calcul, 2017

ID : 9075 -- COUDOUR B., COURTY L., GARO J. P.

*Etude des causes des feux accélérés 'E.G.E. ou A.F.F'*

Préfecture zone de défense et de sécurité sud-ouest, Etat-major interministériel, 2017

ID : 6942 -- CREMONA P., ROGAUME T., RICHARD F., LUCHE J.

*Optimisation des systèmes de fumisterie en cas d'incendie*

GDR Feux, 21ème séminaire, 2016, 2016

ID : 6943 -- BATIOU B., ROGAUME T., RICHARD F.

*Étude de la décomposition thermique de composites époxy/fibres de carbone préalablement thermiquement agressés*

GDR Feux, 21ème séminaire, 2016, 2016

ID : 6944 -- ROBLIN S., ROGAUME T., RICHARD F., TROUVE A.

*Étude de l'auto-inflammation des solides par Simulation Numérique Directe : application au PMMA*

GDR Feux, 21ème séminaire, 2016, 2016

ID : 6969 -- ROBLIN S., ROGAUME T., RICHARD F., TROUVE A.

*Étude numérique de l'auto-inflammation des solides par Simulation Numérique Directe : analyse des effets de variation de densités d'un matériau*

22ème Journées du GDR feux, 2016

ID : 9076 -- WANG H. Y.

*Transferts de chaleur et de masse à l'interface*

Journée scientifique sur l'interface, 2016

ID : 9077 -- RICHARD F.

*Numerical simulation of solid fuels combustion*

1ère journée des utilisateur d'OpenFOAM, 2016

ID : 9078 -- GARO J. P.

*Collaborations entre les SDIS et les Instituts de recherche*

GDR Feux, 21ème séminaire, 2016, 2016

ID : 9079 -- MAGNOGNOU B., GARO J. P., WANG H. Y.

*Etude numérique du risque d'inflammation de fumées riches en mélanges gazeux inflammables en milieu confiné sous-ventilé*

GDR Feux, 21ème séminaire, 2016, 2016

ID : 6109 -- MERCADE C., HALM D., ROGAUME T., GRANDIDIER J., RICHARD F.

*Modélisation de la dégradation de composites bobinés sous sollicitation thermo-mécanique couplée*

GDR Feu, 2015

ID : 9043 -- ROGAUME T., COLLIN A.

*Collaboration Université/Laboratoire pour assister la formation « incendie » des sapeurs-pompiers :*

*Retour sur l'exemple de travail conjoint avec le SDIS de Vendée*  
GDR Feux, 18ème journée, 2015, 2015  
ID : 9080 -- RICHARD F., BATIOU B., ROGAUME T., LUCHE J.  
*Modeling of pine wood pyrolysis under cone calorimeter conditions*  
7th FM Global Open Source CFD Fire Modeling Workshop, 2015  
ID : 9081 -- RICHARD F., BATIOU B., LUCHE J., ROGAUME T.  
*Investigation of solid fuels thermal degradation "Use of Controlled - Atmosphere Cone Calorimeter"*  
Controlled - Atmosphere Cone Calorimeter Workshop, 2015  
ID : 9082 -- WANG H. Y., WANG G. D.  
*Mathematical modelling of interaction between crosswind and aviation-fuel fire engulfing a full scale aircraft*  
15th International Conference on Numerical Combustion , 2015  
ID : 9083 -- RICHARD F.  
*Modeling of pine wood pyrolysis under cone calorimeter conditions*  
GDR Feux, 18ème journée, 2015, 2015  
ID : 9084 -- COUDOUR B., CHETEHOUNA K., AUBRUN S., GARO J. P.  
*Étude d'upscaling pour expérimenter le potentiel d'accumulation de gaz dans un thalweg à partir d'une maquette de forêt*  
GDR Feux, 18ème journée, 2015, 2015  
ID : 9085 -- DUNY M., GARO J. P., WANG H. Y., DHIMA D.  
*Etude numérique de l'influence des caractéristiques géométriques de l'ouverture d'un compartiment en feu sur les flammes extérieures*  
GDR Feux, 18ème journée, 2015, 2015  
ID : 9086 -- MAGNOGNOU B., COUDOUR B., GARO J. P., WANG H. Y.  
*Etude numérique du risque d'inflammation de fumées riches en mélanges gazeux inflammables en milieu confiné sous-ventilé*  
GDR Feux, 18ème journée, 2015, 2015  
ID : 9087 -- GARO J. P.  
*Theoretical bases for fire 2*  
Ecole thématique du CNRS sur la Science des Incendies et ses Applications, 2015  
ID : 5130 -- ROGAUME T., RICHARD F., BATIOU B., ROBLIN S., POISSON M., BOULET P., COLLIN A., ACEM Z.  
*Etude des contraintes thermiques subies par les intervenants lors des actions de formation en caisson d'entraînement des sapeurs-pompiers*  
GDR Feux, 17ème séminaire, 2014, 2014  
ID : 5131 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X., MARQUIS D.  
*Méthodologie des surfaces de réponses adaptée à la dégradation thermique de matériaux en cône calorimètre à atmosphère contrôlée*  
GDR Feux, 17ème séminaire, 2014, 2014  
ID : 5132 -- BATIOU B., ROGAUME T., COLLIN A., RICHARD F., LUCHE J.  
*Utilisation des modèles cinétiques en dégradation thermique des solides*  
Workshop SCF-GDR Feux, 2014, 2014  
ID : 5133 -- MATHIS E., ROGAUME T., GARO J. P., RICHARD F., COPPALLE A., XI LOO A., AINE P., HUREL F.  
*Impact du confinement sur la dégradation thermique et la combustion du Polyéthylène : étude en Cône Calorimètre à Atmosphère Contrôlée*  
Workshop SCF-GDR Feux, 2014, 2014  
ID : 5170 -- NGUYEN K. T., BATIOU B., MOURZENKO V., ROGAUME T., THOVERT J.-F.  
*Dégradation thermique des matériaux solides poreux exposés au feu*  
GDR Feux, 18ème journée, 2015, 2014  
ID : 6244 -- HERMOUET F., GUILLAUME E., ROGAUME T., RICHARD F., PONTICQ X., MARQUIS D.  
*Développement d'une méthodologie prédictive de la dégradation thermique de matériaux solides sous l'effet de l'incendie dans le contexte d'incendies de tunnels.*  
Doctorale Laboratoire National de Métrologie et d'essais, 2014, 2014  
ID : 6211 -- NGUYEN K. T., THOVERT J.-F., MOURZENKO V., BATIOU B., ROGAUME T.  
*Dégradation thermique des matériaux solides poreux exposés au feu*  
GDR Feux, 16ème séminaire, 2013, 2013  
ID : 6243 -- MARTIN D., LUCHE J., RICHARD F., ROGAUME T.  
*Etude de la dégradation thermique de revêtements de sol plastiques type PVC*  
GDR Feux, 16ème séminaire, 2013, 2013

ID : 6242 -- RICHARD F., FATEH T., ROGAUME T., BATIOU B., LUCHE J.  
*Modélisation de la pyrolyse de matériaux solides*  
GDR Feux, 15ème séminaire, 2012, 2012

ID : 6236 -- CAMILLO A., GUILLAUME E., ROGAUME T.  
*Méthodologie de l'ingénierie de la sécurité incendie appliquée aux espaces ferroviaires*  
GDR Feux, 11ème séminaire, 2011, 2011

ID : 6237 -- MARQUIS D., GUILLAUME E., CAMILLO A., ROGAUME T., PAVAGEAU M.  
*Utilisation d'un cône calorimètre à atmosphère contrôlée pour fournir les données pour la modélisation de la toxicité des fumées*  
GDR Feux, 12ème séminaire, 2011, 2011

ID : 6238 -- ZAIDA J., ROGAUME T., RICHARD F., LUCHE J., MINDYKOWSKI P., PORTERIE B.  
*Étude expérimentale et modélisation de la pyrolyse d'une litière d'aiguilles de pin*  
GDR Feux, 13ème séminaire, 2011, 2011

ID : 6239 -- FATEH T., ROGAUME T., RICHARD F., LUCHE J.  
*Modélisation de la dégradation thermique d'un contreplaqué en bois à l'aide du code Gpyro*  
GDR Feux, 13ème séminaire, 2011, 2011

ID : 6240 -- MARQUIS D., CAMILLO A., GUILLAUME E., ROGAUME T., RICHARD F.  
*Impact de la connaissance des propriétés matériaux dans les simulations incendies*  
GDR Feux, 14ème séminaire, 2011, 2011

ID : 6241 -- ACEM Z., BOULET P., PARENT G., ROGAUME T., FATEH T., ZAIDA J., RICHARD F.  
*Caractérisation des échanges radiatifs intervenant dans l'étude de la pyrolyse de contreplaqué à l'aide d'un cône calorimètre*  
GDR Feux, 14ème séminaire, 2011, 2011

ID : 6213 -- THOVERT J.-F.  
*Milieux fracturés*  
IMFT. 2010. , 2010

ID : 6234 -- BUSTAMANTE VALENCIA L., ROGAUME T., GUILLAUME E., REIN G., TORERO J. L.  
*Experimental and numerical investigation of the thermal decomposition of materials at 3 scales: application to polyether polyurethane foam used in upholstered furniture*  
GDR Feux, 10ème séminaire, 2010, 2010

ID : 6235 -- FATEH T., ROGAUME T., RICHARD F., LUCHE J., ROUSSEAU P.  
*Caractérisation expérimentale de la cinétique de dégradation thermique de bois contreplaqué : application à un M1 et un M3*  
GDR Feux, 10ème séminaire, 2010, 2010

-----  
**OS : Ouvrages ou contribution à des ouvrages :**

ID : 9088 -- LAUNAY J., BATIOU B., ROGAUME T.  
*Problématique de gestion des configurations dans l'analyse préliminaire des risques*  
la notion de configuration dans des approches systémiques pour appréhender la complexité, 2018

ID : 6245 -- ROGAUME T.  
*La formation incendie*  
la formation incendie, 2016

ID : 9089 -- ROGAUME T., RICHARD F.  
*Introduction à la combustion*  
la formation incendie, 2016

ID : 9090 -- ROGAUME T., RICHARD F.  
*Du feu à l'incendie*  
la formation incendie, 2016

ID : 9091 -- ROBLIN S., ROGAUME T.  
*Présentation des essais, protocole expérimental*  
la formation incendie, 2016

ID : 9092 -- BATIOU B., COLLIN A., MARCHAND A.  
*Phase d'observation : cinétique du feu et contraintes thermiques*  
la formation incendie, 2016

ID : 9093 -- BATIOU B., LEPELLETIER M.  
*Réflexion sur les techniques de lance*  
la formation incendie, 2016

ID : 9094 -- CREMONA P., ROGAUME T.  
*Toxicité de la combustion du bois*  
la formation incendie, 2016

ID : 5111 -- ROGAUME T.  
*Gestion des déchets -- Réglementation, organisation, mise en ?uvre*

gestion des déchets -- réglementation, organisation, mise en ?uvre. 2ème édition, 2015  
ID : 5325 -- LICHOU M., ROUSSEAU P.  
*Les acteurs de l'expertise scientifique. Application à l'analyse des risques de filières d'énergie renouvelables.*

analyse critique de l'expertise et des normes : théorie et pratique. , 2015  
ID : 5171 -- THOVERT J.-F., MOURZENKO V., ADLER P. M., NUSSBAUM C.  
*Statistical analysis of the fracture network*

mont terri rock laboratory -- geophysical investigation of the excavation damaged zone during a mine-by experiment, 2014  
ID : 6153 -- CHETEHOONA K., COURTY L., LEMEE L., BEY F., GARO J. P.  
*Biogenic volatile organic compounds emissions of heated Mediterranean vegetal species*

volatile organic compounds: emission, pollution and control, 2014  
ID : 6925 -- COUDOUR B., CHETEHOONA K., CONAN B., AUBRUN S., GARO J. P.  
*Experimental investigation of the influence of geometry on gas accumulation using a V-shape forest model*

advances in forest fire research, 2014  
ID : 6927 -- CHETEHOONA K., COURTY L., LEMEE L., GARO J. P.  
*Biogenic emissions of heated Mediterranean vegetal species,*

organic compounds: natural sources, health implications and environmental effects,, 2014  
ID : 4388 -- ANDZI.BARHE T., ROGAUME T.

etude expérimentale et numérique du traitement thermique des déchets, 2012  
ID : 4389 -- CHETEHOONA K., COURTY L., LEMEE L., GARO J. P., GILLARD P.  
*Experimental determination of volatile organic compounds emitted by Thymus vulgaris*

modelling, monitoring and management of forest fires iii, 2012  
ID : 6221 -- ADLER P. M., THOVERT J.-F., MOURZENKO V.  
*Fractured Porous Media*

fractured porous media, 2012  
ID : 4288 -- ADLER P. M., THOVERT J.-F., MOURZENKO V.  
*Percolation, Faults and Fractures in Rocks, in Extreme Environmental Events*

complexity in forecasting and early warning, 2011  
ID : 6222 -- ADLER P. M., THOVERT J.-F.  
*Mesosopic Methods*

nanoporous materials: advanced techniques for characterization, modeling, and processing, 2011  
ID : 6223 --  
*Percolation, Faults and Fractures in Rocks*

extreme environmental events - complexity in forecasting and early warning, 2011