

PUBLICATIONS ÉQUIPE M.E.E.P. (ex. E.P.E.) – 2020 à 2010**2020****Journal Article :**

Aucun.

Conférences Internationales

Aucune.

Conférences Nationales

Aucune.

2019**Journal Article :**

Carbonnier M, Serinyel Z, Kéromnès A, Dayma G, Lefort B, Le Moyne L, Dagaut P. "An Experimental and Modelling Study of the Oxidation of 3-Pentanol at High Pressure." *Proceedings of the Combustion Institute* 37, no. 1 (2019): 4776484. <http://dx.doi.org/https://doi.org/10.1016/j.proci.2018.07.114>.

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Carbonnier M, Serinyel Z, Kéromnès A, Dagaut P, Lefort B, Dayma G, Le Moyne L. *An Experimental and Modelling Study of the Oxidation of Cyclopentanol at High Pressure*. 2019.

Wildenberg A, Fenard Y, Lefort B, Le Moyne L, Kéromnès A, Heufer K-A. *An Experimental and Kinetic Modeling Study on the Reactivity of 1,3-Dioxolane under Engine-Relevant Condition*. 2019.

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Da Silva R, Kéromnès A. *Stratégie De Gestion Énergétique D'un Véhicule Hybride*. 2019.

2018**Journal Article :**

Carbonnier M, Serinyel Z, Kéromnès A, Dayma G, Lefort B, Le Moyne L, Dagaut P. "An Experimental and Modelling Study of the Oxidation of 3-Pentanol at High Pressure." *Proceeding of the Combustion Institute 37, in press* (2018). <http://dx.doi.org/https://doi.org/10.1016/j.proci.2018.07.114>.

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Gerasimov I, Knyazkov D, Bolshova T, Shmakov A, Korobeinichev O, Carbonnier M, Lefort B, Kéromnès A, Le Moyne L, Serinyel Z, Dayma G, Dagaut P, Hansen N. *More Insight into Methyl-3-Hexenoate Combustion Kinetics: Low-Pressure Premixed Flame Structure, High-Pressure Ignition Delay Time Measurements and Mechanism Development*. 2018.

Guille des Buttes A, Jeanneret B, Kéromnès A, Pelissier S, Le Moyne L. *Optimizing Fuel Consumption and Pollutant Emissions of a Spark Ignition Engine for Eco-Driving Applications*. 2018.

Oung R, Delaporte B, Cao Y, Kéromnès A, Le Moyne L. *On the Design of Novel Access and Methodology for Optical Diagnostics inside Internal Combustion Engines under Severe Operating Conditions*. 2018.

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Jouanguy J, Le Moyne L. *Simulation Et Modélisation Des Processus De Pulvérisation* 2018.

Jouanguy J, Sophy T, Da Silva A, Cavecchia R, Le Moyne L. *Simulation De L'écoulement De Vent Et De Son Contrôle Autour D'un Objet De Géométrie D'un Immeuble*. 2018.

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Che Daud Z.H, Chrenko D, Dos Santos F, Aglzim E.H, Keromnes A, Le Moyne L. "3d Electro-Thermal Modelling and Experimental Validation of Lithium Polymer-Based Batteries for Automotive Applications." 40, no. 8, (2016): 1144-54. DOI: 10.1002/er.3524.

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Asus Z, Aglzim E.H, Chrenko D, Che Daud Z, Le Moyne L. "Optimization of Racing Series Hybrid Electric Vehicle Using Dynamic Programming." *International Journal of Computational Sciences Special Issue Modeling, Algorithms and Simulations : advances and novel researches for problem-solving and decision-making in complex, multi-scale and multi-domain systems* (2014). DOI: 10.1109/JESTPE.2014.2307079.

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- Asus Z, Aglzim E, Chrenko D, Che Daud Z, Le Moyne L. *Optimization of Racing Series Hybrid Electric Vehicle Using Dynamic Programming*. 2013.
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