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2015.02 ***Lattice-Boltzmann simulation of vortex generators on a high-lift airfoil, 3AF International Conference on Applied Aerodynamics***, Toulouse Denis, Koenig, Fares March 30-April 1, 2015

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2015.03 ***Computational Aeroacoustics Analysis for Noise Minimization on the G550 Nose Landing Gear*** De Paula, Meneghini, Queiroz AIAA 2015-1217

2015.04 ***Assessment of Jet-Plate Interaction Noise Using the Lattice Boltzmann Method*** Silva, Deschamps, Silva, Simões AIAA 2015-2207

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2015.07 ***Evaluation of Airframe Noise Reduction Concepts via Simulations Using a Lattice Boltzmann Approach*** Fares, Casalino, Khorrami AIAA 2015-2988

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- 2014.16 ***Investigation of Thermo-Acoustic Excitations in a Rijke Tube Geometry*** Mukutmoni, Powell, Mutnuri SAE 2014-01-1981
- 2014.17 ***Numerical Simulation of the Vehicle Cabin Climate Undergoing A/C Performance Test Cycle Bhambare, Fukuyama, Han, Masuzawa, Iwanaga, Patterson*** JSAE Annual Spring Congress

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- 2014.18 ***Validation of a Lattice-Boltzmann Approach for Transonic and Supersonic Flow Simulations*** Fares, Wessels, Li, Gopalakrishnan, Zhang, Sun, Gopaldaswamy, Roberts, Hoch, Chen, AIAA 2014-0952
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- 2013.04 ***Numerical Investigation on Change of Airframe Noise by Flap Side-edge Shape*** Murayama, Yokokawa, Imamura, Yamamoto, Ura, Hirai, AIAA 2013-2067
- 2013.05 ***Numerical Simulations of Flow over a Landing Gear with Noise Reduction Devices using the Lattice-Boltzmann Method*** Armstrong, Najafi-Yazdi, Mongeau, AIAA 2013-2114
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- 2013.12 ***Engine Air Intake Thermal Modelling in Full Vehicle Underhood Environment*** W. Jansen Vehicle Thermal Management Systems 11, Coventry, UK

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- 2012.02 ***Unsteady Flow Simulation of High-Lift stall Hysteresis using a Lattice Boltzmann Approach*** Fabiano, E., Fares, E., Noelting, S., AIAA 2012-2922

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- 2012.07 ***Advanced Noise Control Fan Direct Aeroacoustics Predictions using a Lattice-Boltzmann Method*** A. Mann, F. Pérot, M-S. Kim, D. Casalino, E. Fares, AIAA 2012-2287
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- 2012.11 ***Role of Accurate Numerical Simulation of Brake Cooldown in Brake Design Process*** D. Mukutmoni, S. Jelic, J. Han, and M. Haffey, SAE 2012 Brake Colloquium & Exhibition, SAE 2012-01-1811

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- 2010.11 ***A Hybrid Lattice Boltzmann/FW-H Method to Predict Sources and Propagation of Landing Gear Noise*** G. Brès, P. Dethioux, S. Noelting, T. Van de Ven, and R. Vieito, AIAA-2010-3976
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