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"Aerodynamic Datasets generation by means of CFD"

D. Muffo, Leonardo Company, Italy
M di Nonno, BETA CAE Italy

Presented at the 35th International CAE Conference, Vicenza Italy, October 28-29, 2019
“A CFD method to simulate brake liquid and disc temperature monolithically”
S. Yigit et al, Opel Automobile GmbH
C. Ribes, PSA
Presented at the 12th FKFS Conference, Munich, Stuttgart, October 1-2, 2019

“Aspects of fan modeling for underhood thermal management CFD”
M. Kornhaas et al, Opel Automobile GmbH
C. Ribes et al, PSA
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“Aeroacoustic prediction of a three-element high-lift airfoil using a grey-area enhanced DES model”
M. Fuchs et al, CFD Software E+F GmbH, Germany

“Automation in pre- and post-processing in Ferrari GT cars project”
L. Mariella, R. Curatola, Ferrari S.p.A.
Presented at the 8th BETA International Conference, Munich, Germany, May 20-22, 2019
2019

“The pre-processing priority in fluid dynamics design”
M. Maganzi et al., Cubit Innovation Labs
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“Building a full UAV aerodynamic database using ANSA pre-processor automated meshing tool”
D. Gillad, Elbit Systems - ISTAR
*Presented at the 8th BETA International Conference, Munich, Germany, May 20-22, 2019*

“Investigation of aerodynamic loading on a train pantograph”
K. Ritos et al., University of Strathclyde
*Presented at the 8th BETA International Conference, Munich, Germany, May 20-22, 2019*

“Multidisciplinary simulation of automotive water pumps”
R. De Donno, Industrie Saleri
*Presented at the 8th BETA International Conference, Munich, Germany, May 20-22, 2019*
“External flow analysis (CFD) for an Airborne Gimbal”
D. Lozano, Elbit Systems - ISTAR
Presented at the 8th BETA International Conference, Munich, Germany, May 20-22, 2019

“Contribution of BETA-CAE to GMGW-2”
V. Skaperdas, BETA CAE Systems
Presented at the 2nd AIAA Geometry and Mesh Generation Workshop, San Diego, USA, January 5-6, 2019

“Industrial prediction of jet-flap interaction noise with advanced hybrid RANS-LES methods”
C. Mockett et al., CFD Software E+F GmbH, Germany
Presented at the 7th Symposium on Hybrid RANS-LES Methods, Berlin, Germany, September 17-19, 2018

“Investigation of RANS modelling techniques applied to the 3rd AIAA High Lift Prediction workshop test cases”
M. Zastawny et al., Siemens PLM Software, UK
Presented at RAeS The Future of Aerodynamics Conference, Bristol, UK, June 24-26, 2018
2017

“Embraer contribution to GMGW-1”
M. Souza et al., Embraer, Brazil
Presented at the 1st AIAA Geometry and Mesh Generation Workshop, Denver, USA, June 3-4, 2017

“University of Oxford – BETA-CAE Systems contribution to HLPW-3”
N. Ashton, Oxford University, UK
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“The challenge of many different applications solved by ANSA”
T. Fahner, Actiflow, The Netherlands
Presented at the 7th BETA International Conference, Thessaloniki, Greece, May 30 - June 1, 2017

“Mesh generation for geometries in biomechanics”
S. Gomez, Barcelona Supercomputing, Spain
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“Utilizing ANSA and META scripting capabilities for propeller generation, evaluation and post-processing”
L. Johansson, Volvo Penta, Sweden
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“ANSA pre-processing strategies for multiphysics simulation of a motorcycle helmet”
M. Pisciutta, Nolan, Italy
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“Influence of micro-CT extracted 3D porous media geometry on CFD simulation results”
M. Aboukhedr, City University of London, UK
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“Application of ANSA morphing and optimization tools for an automotive HVAC system”
M. Maganzi, University of Pisa, Italy
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“Customized developments for AUDI's OpenFOAM processes”
R.Borris, AUDI AG, Germany
Presented at the 4th ESI OpenFOAM Conference, Cologne, Germany, October 11-12, 2016

“Assessment of enhanced aeroacoustics features in OpenFOAM for landing gear noise prediction”
C. Mockett et al., CFD Software E+F GmbH, Germany
Presented at the 4th ESI OpenFOAM Conference, Cologne, Germany, October 11-12, 2016

“Drag prediction workshop 6”
N. Ashton et al., University of Oxford, UK

“Turbulence modelling and meshing developments for the prediction of jet noise installation effects”
C. Mockett et al., CFD Software E+F GmbH, Germany
Presented at the 22nd AIAA/CEAS Aeroacoustics Conference, Lyon, France, May 30 – June 1, 2016 (AIAA 2016-2933)
2015

“The influence of mesh characteristics on OpenFOAM simulations of the DrivAer model”
G. Fotiadis et al., BETA CAE Systems, Greece

“The tetrahedral finite cell methods for fluids: Immersogeometric analysis of turbulent flow around complex geometries”
F. Xu et al., Iowa State University, Ames, USA
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“Numerical and experimental investigations of brake cooling for passenger cars”
A. Vdovin, Chalmers University of Technology, Sweden

“Efficient simulation of aerodynamic noise generation and propagation from a vehicle’s side mirror”
R. Rizzuto, FIAT Chrysler Automobiles, Italy
“Adjoint optimization of a coolant pump impeller”
S. Baumbach, Volkswagen AG, Germany
Presented at the 11th World Congress on Computational Mechanics, Barcelona, 20-25 July 2014

“Aerodynamic and Flow Simulations come of age”
B. Morey
Automotive Engineering, April 2014

“Design, performance evaluation and optimization of a UAV”
S. Kontogiannis and J. Ekaterinaris, University of Patras, Greece
AIAA 2013-0357
Presented at the 51st AIAA Aerospace Sciences Meeting, Grapevine, Texas, 7-10 January 2013
“The influence of mesh characteristics on CFD simulations for automotive applications”
V. Skaperdas, A. Iordanidis, BETA CAE Systems S.A., Greece
Presented at the ANSYS Automotive Simulation Congress Group, Frankfurt am Main, 29-30 October 2013

“A revolution in solar vehicle design”
R. Stephens, Cambridge University, UK
Presented at the ANSYS Automotive Simulation Congress Group, Frankfurt am Main, 29-30 October 2013

“Aerodynamic simulation in the development of a WRC Rally Car”
H. Dechipre, Volkswagen Motorsport GmbH, Greece
Presented at the Open Source CFD International Conference, Hamburg, 24-25 October 2013
2013

“Mapping of cavitating flow regimes in injectors for medium/heavy-duty diesel engines”
N. Mitroglou, M. Gavaises, City University, UK

“CFD thermodynamic analysis of 3-dimensional sector-pad thrust bearings with rectangular dimples”
C. Papadopoulos, L. Kaiktsis, NTUA, Greece
M. Fillon, ISAE-ENSMA, France *Journal of Tribology, ASME* DOI:10.1115/1.4025245, 3 October 2013

“Time resolved adaptive FEM simulations of a DLR F11 full aircraft at a realistic Reynolds number”
J. Hoffman et al., KTH, Sweden
*Presented at the 2nd AIAA High Lift Prediction Workshop, San Diego CA, USA, 22-23 June 2013*

“Multi function CFD model creation: A step towards simulation data management”
D. Wellman, Jaguar Land Rover, UK
*Presented at 2013 NAFEMS World Congress, Saltsburg, Austria, 10-12 June 2013*
“An accurate, extensive, and rapid method for aerodynamics optimization: The 50:50:50 Method”
T. Virdung, ANSYS, Sweden
Presented at the NAFEMS Nordic Conference, Gothenburg, Sweden, 22-23 May 2012

“Managing Form, Function and Process, the Aerodynamic Development of the 2011 Ford Ranger Global Compact Pick-Up with STAR-CCM+”
N. Lewington et. al., Ford Motor Company, Australia
Presented at STAR Global Conference, Amsterdam, Netherlands, 19-21 March 2012

“Computations of aeroacoustic sources for a complex landing gear geometry using adaptive FEM”
R. V. De Abreu, N. Jansson, J Hoffman., KTH, Sweden
Presented at Workshop on Benchmark problems for Airframe noise computations, BANC -II, Colorado Springs, USA, 7-8 June 2012

“Mesh study for external aerodynamics CFD simulations with OpenFOAM”
V. Skaperdas, A. Iordanidis., BETA CAE Systems S.A. , Greece
Presented at Open Source CFD International Conference, London, UK, 29-30 October 2012
2011

“Wind Turbine Blade CFD & Mechanical Optimization using Industrial Grade Tools”
D. Speziani et. al., Phitec Ingeneria Srl, Italy
Presented at 4th Open Source CFD International Conference, Chantilly, France, November 2011

“CFD Optimization via Sensitivity Based Morphing”
C. Othmer, Volkswagen AG, Germany
E. Papoutsis, National Technical University of Athens, Greece
K. Haliskos, BETA CAE Systems S.A., Greece
Presented at the 4th ANSA & µETA International Conference, Makedonia Palace, Thessaloniki, Greece, 1-3 June 2011

“CFD Simulations of flow over NASA Trap Wing Model”
A. Luo, Swift Engineering, USA
P. Peddiraju, V. Skaperdas, BETA CAE Systems S.A., Greece
Presented at the 4th ANSA & µETA International Conference, Makedonia Palace, Thessaloniki, Greece, 1-3 June 2011

“Vehicle Aerodynamic Shape Optimization”
R. Lietz, Ford Motor Co., USA
SAE 2011-01-0169
“Thermal simulation of an exhaust manifold in a high performance diesel engine”
C. Krenn, G. Hofer, M. Prosi, C. Samhaber, G. Pessl
BMW Motoren GmbH, Austria
University of Applied Science, FH Wels, Austria, Presented at the STAR European Conference Noordwijk, The Netherlands, 22-23 March 2011

“CFD Analysis of the performance of a fast catamaran with rough sea”
G. Lombardi, M. Maganzi
University of Pisa, Italy
Presented at the STAR European Conference, Noordwijk, The Netherlands, 22-23 March 2011

“Further CFD validation for automotive aerodynamics development”
T. Schutz, P. Unterlechner, K. Zens, AUDI AG., Germany
Presented at the 4th Open Source CFD International Conference, Munich, Germany, 4-5 November 2010

“Optimization for Improved Propulsive Efficiency and Increased Bollard Pull”
T. Huuva, M. Pettersson
Berg Propulsion, Sweden
Presented at the 13th Numerical Towing Tank Symposium, Duisburg, Germany, 10-12 October 2010
“Effects of wheel orientation on predicted flow field and forces when modelling rotating wheels using CFD”
C. Landström, L. Lofdahl, Chalmers Technical University, Sweden
S. Sebben, Volvo Car Corporation, Sweden
Presented at the 8th MIRA International Vehicle Aerodynamics Conference
RBS Williams F1 Conference Centre, UK, 13-14 October 2010

“Application of multi objective optimization to the aerodynamic development of passenger cars at FIAT”
E. Ribaldone et. al., Centro Ricerche FIAT, Italy
G. Scantamburlo et. al., FIAT, Italy
Presented at the 8th MIRA International Vehicle Aerodynamics Conference
RBS Williams F1 Conference Centre, UK, 13-14 October 2010

“Validation of open source CFD methods used for race cars”
P. Rubio, R. Bouwman, ICON Technology & Process Consulting GmbH, Germany
B. Jacquet AUDI AG., Germany
Presented at the 8th MIRA International Vehicle Aerodynamics Conference
RBS Williams F1 Conference Centre, UK, 13-14 October 2010

“Flow field investigation of the wheel housing opening shape on a heavy truck using CFD”
D. Soderblom, L. Lofdahl, Chalmers Technical University, Sweden
P. Elofsson, Scania, Sweden, L. Hjelm, Volvo 3P, Sweden
Presented at the 8th MIRA International Vehicle Aerodynamics Conference
RBS Williams F1 Conference Centre, UK, 13-14 October 2010
2010

“Efficient and robust method of drag optimization during car body development process”
K. Przysowa, J. Rokicki, Warsaw University of Technology, Poland
C. Othmer, Volkswagen AG, Germany
Presented at the 8th MIRA International Vehicle Aerodynamics Conference
RBS Williams F1 Conference Centre, UK, 13-14 October 2010

“Design and Analysis of a light cargo UAV prototype”
A. Kovanis, J. Ekaterinaris, University of Patras, Greece
V. Skaperdas, BETA CAE Systems SA, Greece
AIAA 2010-4957
Presented at the 28th Applied Aerodynamics Conference, Chicago Illinois, USA, June 2010

“Assessment of Various Environmental Thermal Loads on Passenger Thermal Comfort”
T. Han et. al., GM R&D Centre, USA
A. Curran et. al., Thermoanalytics Inc., USA, SAE 2010-01-1205

“The virtual climatic wind tunnel project”
J. Arbiol, E. Aramburu
IDIADA, Spain
Presented at the STAR European Conference, London, UK, March 2010
“Free motion simulation of a sailing yacht in up-wind condition with rough sea”
G. Lombardi, M. Maganzi, A. Mariotti
University of Pisa, Italy
*Presented at the STAR European Conference, London, UK, March 2010*

“Automating the CFD Process at Swenox – a scripted story”
M. Christiansson, U. Engdar, Swenox AB and FS Dynamics, Sweden
*Presented at STAR European Conference, London, UK, March 2010*

“Advanced pre-processing solutions for OpenFOAM”
V. Skaperdas, S. Saltiel, C. Kolovos, BETA CAE Systems S.A. Greece
*Presented at 3rd Open Source CFD International Conference, Barcelona, Spain, November 2009*

“Predicting and improving the performance of a bagless vacuum cleaner using CFD”
F. Campos, D. Sykes, ICON Ltd, UK
J. Ferguson, Hoover Candy Group, UK
*Presented at 3rd ANSA & μETA International Conference, Porto Carras, Halkidiki, Greece, September 2009*
2008

“Aerodynamic Development of the Skoda Roomster”
J. Jagrik, S. Klepacek, J. Hulicka, V. Jakubec, Skoda AUTO A.S. Czech Republic
Presented at 7th MIRA Aerodynamics Conference, Coventry, UK, October 2008

“Latest Development in Thermal Transient Simulation in Car Passenger Compartment”
G. Scantamburlo, P. Orsi, N. di Vico, Fiat Group Automobiles, Italy
E. Ribaldone, Centro Ricerche FIAT, Italy
Presented at 7th MIRA Aerodynamics Conference, Coventry, UK, October 2008

“Étude in CFD pre-processing”
E. Skaperdas, C. Kolovos BETA CAE Systems S.A., Greece
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“CFD Meshing for Aerodynamics of the Volvo XC 90”
Zenitha Chronéer, Volvo Cars Corporation, Sweden
ATZ Magazine 03/2008 volume 110
“The role of Aerodynamics in the 1955 Le Mans Crash”
P. Gullberg, L. Löfdahl, Chalmers University of Technology, Sweden
SAE 2008-01-2996

“Parametric Shape Optimization”
D. Joshi, X. Zhu, K. Singh, Chrysler LLC
SAE 2008-01-1431

“CFD Simulation of NASCAR Racing Car Aerodynamics”
R. Singh, General Motors Corporation
SAE 2008-01-0659

“Calculations of Wind Tunnel Circuit Losses and Speed with Acoustic Foams”
Y. Yeh, F. Schenkel, F. Meinert, R. Niemiec, General Motors
SAE 2008-01-1203
“Development of a Model Scale Heat Exchanger for Wind Tunnel Models of Road Vehicles”
L. Christoffersen, D. Söderblom, L. Löfdahl, Chalmers University of Technology
A. Jönson, Volvo Car Corporation, Sweden, SAE 2008-01-0097

“Application of Emergent Aerodynamic Calculation Tools”
K. Zielinski, Honda R&D America Inc
J. Eccles, Honda Racing F1
SAE 2008-01-0096

“Under-hood Thermal Simulation of a Class 8 Truck”
C. Lafferty, Volvo Group North America
A. Alajbegovic, K. Horrigan, EXA Corporation
SAE 2007-01-4280

“Compact Post-Aftertreatment Temperature Control Device for Exhaust Gas Cooling”
T. Juan, M. Schmale, R. Schoon, M. Eifert, International Truck and Engine Corp
SAE 2007-01-4199
2007

“Accurate Modeling of the Thermal Behavior of a Diesel Engine by Means of CFD and its Validation”
S. Etemad, T. Hagner, Volvo Car Corporation, Sweden
C. Stein, FS Dynamics, Sweden
SAE 2007-01-1905

J. Rugh, L. Chaney, J. Lustbader, National Renewable Energy Laboratory
J. Meyer, Visteon
SAE 2007-01-1194

“A CFD Application of Surface Morphing for Vehicle Exterior Development”
X. Zhu, M. Gleason, DaimlerChrysler Corporation CG
K. Sbeih, EXA Corporation
SAE 2007-01-0110

“The Immersed Boundary CFD Approach for Complex Aerodynamics Flow Predictions”
S. Jindal, B. Khalighi, J. Johnson, K. Chen, General Motors, USA
G. Iaccarino, Stanford University, USA
SAE 2007-01-0109
“Large Eddy Simulation of a Semi Realistic Vehicle Shape under Crosswind”  
Alexis Scotto d’Apollonia, Stéphane Contini, PSA, France 
Fabrice Mathey, Yannick Ducret, ANSYS/Fluent, France  
*Presented at EACC 2007 – 3rd European Automotive CFD Conference, Frankfurt, Germany, July 2007*

“Fuel Reduction on a Tractor Trailer Truck at IVECO”  
Ludovico Consano, Davide Lucarelli, IVECO S.p.A., Italy 
Filippo Luppo, TESCO S.p.A., Italy  
*Presented at EACC 2007 – 3rd European Automotive CFD Conference, Frankfurt, Germany, July 2007*

“Aerodynamic Optimization of a Speedbike by the Means of CFD”  
R. Siber, F. Werner, Adam Opel GmbH, Germany 
G. Mertens, VRT Speedbike e.V., Germany 
M. Lanfrit, Fluent Deutschland GmbH, Germany  
*Presented at EACC 2007 – 3rd European Automotive CFD Conference, Frankfurt, Germany, July 2007*
“Combined Use of CFD and Wind Tunnel to develop a Le Mans Prototype”
Alexis Lapouille, Aero Concept Engineering, France
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“The CFD Process for Aerodynamics at Volvo Cars using HARPOON FLUENT”
Zenitha Chronéer, Environment and TASE, Volvo Car Corporation, Sweden
Presented at EACC 2007 – 3rd European Automotive CFD Conference, Frankfurt, Germany, July 2007

“ANSA for CFD – Overview and Outlook”
M. Lanfrit, Fluent Deutschland GmbH,
ANSYS Central & Eastern Europe, Germany
Presented at 2nd ANSA & μETA International Congress, Halkidiki, Greece, June 2007

“Optimization Study for Sunroof Buffeting Reduction”
Chang-Fa An and Kanwerdip Singh, DaimlerChrysler, USA
SAE 2006-01-0138
“Needs and Possibilities for the Correction of Drag and Lift Wheel Forces which have been Derived by Integrating its Static Pressure Distribution”
A. Hashmi and I. Dimitriou, BMW Group, Germany
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S. Etemad, C. F. Stein and S. Eriksson, Volvo Car Corporation, Sweden
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“Attempts for Reduction of Rear Window Buffeting Using CFD”
Chang-Fa An, Exa Corporation, USA
Mitchell Puskarz, Kanwerdip Singh and Mark E. Gleason, DaimlerChrysler Corporation, USA
SAE 2005-01-0603

“CFD-Analysis of Cycle Averaged Heat Flux and Engine Cooling in an IC-Engine”
S. Etemad, J. Wallesten, C. F. Stein, S. Eriksson and K. Johansson, Volvo Car Corporation, Sweden
SAE 2005-01-0200
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“An Overview of the Application of CFD at Skoda Auto”
F. Paur, M. Stastny, J. Jagrik, Skoda Auto A.S., Mlada Boleslav, Czech Republic
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“Customizing FLUENT to Speed-Up Aerodynamic Vehicle Development”
Silvestre Artiaga Hahn, Nicolas Kruse, Frank Werner
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“Design Optimization using CFD and Mesh Deformation”
Robert Lewis, Matthew Cross, Advantage CFD, Brackley, UK
Presented at EACC 2005 – 2nd European Automotive CFD Conference, Frankfurt, Germany, June 2005

“ANSA as a Preprocessor for CFD Simulations with FLUENT – Approach and Examples”
M. Ehlen, Fluent Deutschland GmbH, Germany
Presented at 1st ANSA & μETA International Congress, Halkidiki, Greece, June 2005
“An Efficient Procedure for Vehicle Thermal Protection Development”
Kumar Srinivasan, George Woronowycz, Michael Zabat and John Tripp, DaimlerChrysler Corporation, USA
SAE 2005-01-1904

“Prediction of the Efficiency of an Automotive Oil Separator: Comparison of Numerical Simulations with Experiments”
Sydney Tekam and Marc Demoulin, Renault S.A., France
Virginie Daru, Ecole Nationale Supérieure des Arts et Métiers, France
SAE 2004-01-3019

“Side Window Buffeting Characteristics of an SUV”
Michael S. Scislowicz and Kanwerdip Singh, Daimler Chrysler Corp.
Sandeep D. Sovani, Fluent Inc.
Seyed Mehdi Alaie, Optimal CAE Inc.
Chang-Fa An, Belcan Corporation
SAE 2004-01-0230

“Design of Experiments Methods Applied to CFD Simulations in Vehicle Aerodynamics”
A. Scotto d’Apollonia, B. Granier, P. Debaty, PSA Peugeot Citroen, France
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“Motor Sport Drives CFD Technology to a New Level”
Werner Seiber, Fluent Deutschland GmbH
Robert Lewis, Advantage CFD, UK
Presented at Global Motorsports Congress, Frankfurt, Germany, November 2004

“Simulation and analysis of the cooling of the break disk”
Jiří Polanský, Petr Kovařík, New Technologies Research Centre,
University of West Bohemia, Czech Republic
Presented at 5th MIRA International Vehicle Aerodynamics Conference, Warwick, UK, October 2004

“Early Design Stage Simulation Process for External Aerodynamics at PSA Peugeot Citroen”
A. Scotto d’Apollonia, B. Granier, B. Amalric, P. Debaty, PSA Peugeot Citroen, France
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Bingen, Germany, June 2003

“CFD Validation for External Aerodynamics”
R. Lewis, P. Postle Advantage CFD, UK
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“CFD as an Integrated Part of the Aerodynamic Development of the OPEL ECO-Speedster”
A. Kleber  Adam Opel AG, Germany

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Sauber Petronas Engineering AG, Switzerland

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“Improving Truck Underhood Thermal Management Through CFD”
Timothy P. Nobel and Sunil K. Jain, International Truck and Engine Corporation

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“Vehicle Ventilation System”
FORD-WERKE AG, Germany

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“A Numerical Simulation Strategy for Complex Automotive Cooling Systems”
G. Seider, F. Bet, T. Heid, Ulrich Hess, T. Klein and J. Sauer, BMW AG, Germany
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Timothy P. Nobel and Sunil K. Jain, International Truck and Engine Corp.
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“Numerical Study of Brake Disc Cooling Accounting for both Aerodynamic Drag Force and Cooling Efficiency”
Anders Jerhamre and Christer Bergström, Volvo Car Corporation, Sweden
SAE 2001-01-0948

“Integration of Fluid Flow Modelling in the Vehicles Renault Development Process”
Williams Martin, Patrick Gilliéron, Renault S.A., France
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“Pressure-Sensitive Paint for Automotive Aerodynamics”
Jean-Luc Aider and Laurent Elena, PSA, France
Yves Le Sant, Florence Bouvier, Marie-Claire Merienne and Jean-Luc Peron, ONERA, France
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“Development of Underbody Aerodynamic Simulation Using Automatically Generated Tetrahedral and Prismatic Cells ”
Junya Ono, Yasushi Murakami and Kenji Okumura
Daihatsu Motor Co. Ltd. Japan
SAE 2001-01-0704

“Numerical Flow Simulations of a Detailed Car Underbody”
Simone Sebben, Volvo Car Corporation, Sweden
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General Motors Product Development Center, USA
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Adam Opel AG, Germany
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“CFD in Aerodynamic Design Process of Road and Race Cars”
W. Seibert Fluent Deutschland GmbH
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B. Hupertz, H Fogt AUDI AG, Germany
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“Simulation to Identify and Resolve Underhood/Underbody Vehicle Thermal Issues”
V. Damodaran, S. Kaushik
General Motors Truck Product Center, USA
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Dag Aronson, Zenitha Chronéer, Per Elofsson and Henrik Fellbom
Volvo Car Corporation, Sweden
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“CFD Simulation by Automatically Generated Tetrahedral and Prismatic Cells for Engine Intake Duct and Coolant Flow in Three Days”
Kenji Okumura
Daihatsu Motor Co. Ltd. Japan
SAE 2000-01-0294

“Accuracy in Flow Simulations of Climate Control – Part 2: The Passenger Compartment”
Zenitha Chronéer and Niklas Axelsson
Volvo Car Corporation, Sweden
SAE 1999-01-1201
1996-1999

“Parallel Workstation Clustering of FLUNET/UNS using LSF”
VISTEON Automotive Systems
FORD WERKE AG, Germany
FLUENT Automotive Users Group Meeting 1999

“Unstructured Solvers for External and Internal Flow Simulations in Vehicle Engineering”
W. Seibert, R.K. Hanna Fluent Inc. - Darmstadt, Germany & Sheffield, UK