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June 2017
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“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
Presented at the 3rd AIAA High Lift Prediction Workshop, Denver, USA, June 3-4, 2017

“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. Pisciotta, 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

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C. Mockett et al., CFD Software E+F GmbH, Germany
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G. Fotiadis et al., BETA CAE Systems, Greece

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F. Xu et al., Iowa State University, Ames, USA
Journal of Computers and Fluids 2015.08.027, June 2015

“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
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“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
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Presented at the 51st AIAA Aerospace Sciences Meeting, Grapevine, Texas, 7-10 January 2013
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“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
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“Mapping of cavitating flow regimes in injectors for medium/heavy-duty diesel engines”
N. Mitroglou, M. Gavaises, City University, UK
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C. Papadopoulos, L. Kaiktsis, NTUA, Greece
M. Fillon, ISAE-ENSMA, France
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“Time resolved adaptive FEM simulations of a DLR F11 full aircraft at a realistic Reynolds number”
J. Hoffman et al., KTH, Sweden
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“Multi function CFD model creation: A step towards simulation data management”
D. Wellman, Jaguar Land Rover, UK
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“An accurate, extensive, and rapid method for aerodynamics optimization: The 50:50:50 Method”
T. Virdung, ANSYS, Sweden
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“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
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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
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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,
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A. Luo, Swift Engineering, USA
P. Peddiraju, V. Skaperdas, BETA CAE Systems S.A., Greece
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R. Lietz, Ford Motor Co., USA
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C. Krenn, G. Hofer, M. Prosi, C. Samhaber, G. Pessl
BMW Motoren GmbH, Austria
University of Applied Science, FH Wels, Austria
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G. Lombardi, M. Maganzi
University of Pisa, Italy
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T. Schutz, P. Unterlechner, K. Zens, AUDI AG., Germany
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“Optimization for Improved Propulsive Efficiency and Increased Bollard Pull”
T. Huuva, M. Pettersson
Berg Propulsion, Sweden
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C. Landstrom, L. Lofdahl, Chalmers Technical University, Sweden
S. Sebben, Volvo Car Corporation, Sweden
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“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
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“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
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“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
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K. Przysowa, J. Rokicki, Warsaw University of Technology, Poland
C. Othmer, Volkswagen AG, Germany
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“Design and Analysis of a light cargo UAV prototype”
A. Kovanis, J. Ekaterinaris, University of Patras, Greece
V. Skaperdas, BETA CAE Systems SA, Greece
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T. Han et. al., GM R&D Centre, USA
A. Curran et. al., Thermoanalytics Inc., USA
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J. Arbiol, E. Aramburu
IDIADA, Spain
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“Free motion simulation of a sailing yacht in up-wind condition with rough sea”
G. Lombardi, M. Maganzi, A. Mariotti
University of Pisa, Italy
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“Automating the CFD Process at Swenox – a scripted story”
M. Christiansson, U. Engdar, Swenox AB and FS Dynamics, Sweden
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“Advanced pre-processing solutions for OpenFOAM”
V. Skaperdas, S. Saltiel, C. Kolovos, BETA CAE Systems S.A. Greece
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F. Campos, D. Sykes, ICON Ltd, UK
J. Ferguson, Hoover Candy Group, UK
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Porto Carras, Halkidiki, Greece, September 2009
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J. Jagrik, S. Klepacek, J. Hulicka, V. Jakubec, SkodaAUTO A.S. Czech Republic
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“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
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Zenitha Chronéer, Volvo Cars Corporation, Sweden
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P. Gullberg, L. Löfdahl, Chalmers University of Technology, Sweden
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D. Joshi, X. Zhu, K. Singh, Chrysler LLC
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“CFD Simulation of NASCAR Racing Car Aerodynamics”
R. Singh, General Motors Corporation
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“Calculations of Wind Tunnel Circuit Losses and Speed with Acoustic Foams”
Y. Yeh, F. Schenkel, F. Meinert, R. Niemiec, General Motors
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L. Christoffersen, D. Söderblom, L, Löfdahl, Chalmers University of Technology
A. Jönson, Volvo Car Corporation, Sweden
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K. Zielinski, Honda R&D America Inc
J. Eccles, Honda Racing F1
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C. Lafferty, Volvo Group North America
A. Alajbegovic, K. Horrigan, EXA Corporation
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S. Etemad, T. Hagner, Volvo Car Corporation, Sweden
C. Stein, FS Dynamics, Sweden
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J. Rugh, L. Chaney, J. Lustbader, National Renewable Energy Laboratory
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X. Zhu, M. Gleason, DaimlerChrysler Corporation CG
K. Sbeih, EXA Corporation
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S. Jindal, B. Khalighi, J. Johnson, K. Chen, General Motors, USA
G. Iaccarino, Stanford University, USA
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Fabrice Mathey, Yannick Ducret, ANSYS/Fluent, France
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Ludovico Consano, Davide Lucarelli, IVECO S.p.A., Italy
Filippo Luppo, TESCO S.p.A., Italy
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Francisco Campos, ICON, UK
Paolo Geremia, ESTECO, UK
Evangelos Skaperdas, BETA CAE Systems S.A., Greece
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R. Siber, F. Werner, Adam Opel GmbH, Germany
G. Mertens, VRT Speedbike e.V., Germany
M. Lanfrit, Fluent Deutschland GmbH, Germany
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Mitchell Puskarz, Kanwerdip Singh and Mark E. Gleason, DaimlerChrysler Corporation, USA
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Robert Lewis, Matthew Cross, Advantage CFD, Brackley, UK
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Kumar Srinivasan, George Woronowycz, Michael Zabat and John Tripp, DaimlerChrysler Corporation, USA
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Sydney Tekam and Marc Demoulin, Renault S.A., France
Virginie Daru, Ecole Nationale Supérieure des Arts et Métiers, France
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Junya Ono, Yasushi Murakami and Kenji Okumura
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W. Seibert, R.K. Hanna Fluent Inc. - Darmstadt, Germany & Sheffield, UK
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