

Registration



Pre-Registration MONDAY, MAY 29

16:30 - 18:30 **Pre-Registration** | *The MET Hotel Lobby*

Registration TUESDAY, MAY 30

8:30 - **Registration** | *The MET Hotel Lobby*

NOTES

The Agenda at a glance

TUESDAY, MAY 30		
9:00 - 10:30	Conference kick-off and Plenary session	Maistros A + B
10:30 - 11:00	Coffee Break & Technical discussions	Technology Gallery - Foyer
11:00 - 13:00	Plenary session	Maistros A + B
13:00 - 14:30	Lunch	The MET Hotel Restaurant
14:30 - 15:30	Breakout Presentations Technical update demos	Maistros A, Maistros B, Sirocco, Zephyros Maistros C, Maistros D
15:30 - 16:00	Coffee Break & Technical discussions	Technology Gallery - Foyer
16:00 - 17:00	Breakout Presentations Technical update demos	Maistros A, Maistros B, Sirocco, Zephyros Maistros C, Maistros D
17:00 - 18:30	Technical discussions demonstrations and meetings	Technology Gallery - Foyer
20:00 - 21:30	Dinner	The MET Hotel Restaurant
WEDNESDAY, MAY 31		
9:00 - 10:30	Plenary session	Maistros A + B
10:30 - 11:00	Coffee Break & Technical discussions	Technology Gallery - Foyer
11:00 - 13:00	Breakout Presentations Technical update demos	Maistros A, Maistros B, Sirocco, Zephyros Maistros C, Maistros D
13:00 - 13:15	Group-photo shooting	
13:15 - 14:30	Lunch	The MET Hotel Restaurant
14:30 - 15:30	Breakout Presentations Technical update demos	Maistros A, Maistros B, Sirocco, Zephyros Maistros C, Maistros D
15:30 - 16:00	Coffee Break & Technical discussions	Technology Gallery - Foyer
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17:00 - 18:30	Technical discussions demonstrations and meetings	Technology Gallery - Foyer
20:30 -	Dinner - Social Event: "Greek Night"	"Fix live", 26th October str. No. 15
THURSDAY, JUNE 1		
9:00 - 10:30	Plenary session	Maistros A + B
10:30 - 11:00	Coffee Break & Technical discussions	Technology Gallery - Foyer
11:00 - 13:00	Breakout Presentations Technical update demos	Maistros A, Maistros B, Sirocco, Zephyros Maistros C, Maistros D
13:00 - 14:30	Lunch	The MET Hotel Restaurant
14:30 - 15:30	Breakout Presentations Technical update demos	Maistros A, Maistros B, Sirocco, Zephyros Maistros C, Maistros D
15:30 - 15:45	Closing Remarks	Maistros A
15:45 - 17:00	Farewell discussions and meetings	Technology Gallery - Foyer
20:00 - 21:30	Dinner	The MET Hotel Restaurant

Agenda

TUESDAY, MAY 30 - Morning Sessions

	Session 1 Maistros A + B Moderator: Chryssa Sferidou	
9:00 - 9:10	Conference kick-off - Welcome Chryssa Sferidou BETA CAE Systems SA, Greece	9:00 - 9:10
9:10 - 9:20	Opening speech Dimitris Angelis, Chairman BETA CAE Systems SA, Greece	9:10 - 9:20
9:20 - 9:30	Keynote speech: Why to simulate... more? Dr.-Ing. Sam Saltiel, CCO BETA CAE Systems International AG, Switzerland	9:20 - 9:30
9:30 - 10:30	Latest developments & New Products in BETA's product line Chryssa Sferidou BETA CAE Systems SA, Greece	9:30 - 10:30
10:30 - 11:00	Coffee Break & Technical discussions Technology Gallery - Foyer	10:30 - 11:00
	Session 2 Maistros A + B Moderator: Eva Ioannou	
11:00 - 11:30	Future developments in BETA's product line product line Lambros Rorris BETA CAE Systems International AG, Switzerland	11:00 - 11:30
11:30 - 12:00	Keynote speech: Challenges and solutions in the simulation process for advanced electro-optics technology - Implementing ANSA & META in Elbit Systems Electro-Optics Elop Yair Soffair Elbit Systems Electro-Optics El Op., Israel	11:30 - 12:00
12:00 - 12:30	From Model Assembly to Load-case Set-up: a holistic approach ¹ I. Makropoulou*, ² G. Nikolaidis, ³ L. Rorris ¹ BETA CAE Systems SA, Greece ² BETA CAE Systems International AG, Switzerland	12:00 - 12:30
12:30 - 13:00	KOMVOS - SDM Console: The innovative Simulation Data Management platform ¹ Athanasios Fassas*, ² Georgios Nikolaidis ¹ BETA CAE Systems SA, Greece ² BETA CAE Systems International AG, Switzerland	12:30 - 13:00
13:00 - 14:30	Lunch The MET Hotel Restaurant	13:00 - 14:30

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		13:00 - 14:30

7th BEFORE REALITY CONFERENCE

30 May - 01 June, 2017 The MET HOTEL, Thessaloniki Greece

TUESDAY, MAY 30 - Afternoon Sessions

	Session 3A Maistros A Moderator: Stelios Seitanis	Session 3B Maistros B Moderator: Nikos Trakatelis	Session 3C Sirocco Moderator: Vangelis Skaperdas
14:30 - 15:00	Implementation of a Simulation Data Management system at CEVT ¹ Niclas Dagson*, ² Irene Makropoulou, ² Menelaos Pappas ¹ China Euro Vehicle Technology (CEVT) AB, Sweden ² BETA CAE Systems SA, Greece	Vehicle tire simulation modelling Athanasios Papadopoulos*, Apostolos Mitroglou BETA CAE Systems SA, Greece	The challenge of many different applications solved by ANSA Tom Fahner*, Roland Broers Actiflow, The Netherlands
15:00 - 15:30	Model build-up made easy: A process proposal, based on the SDM Console Michael Tryfonidis BETA CAE Systems SA, Greece	A Process for creating, managing and deploying materials in ANSA ¹ Hubert Lobo*, ² Eric Strong*, ² Yianni Kolokythas ¹ Matereality, USA ² BETA CAE Systems SA, Greece	Initial CFD simulations from the AIAA high-lift prediction workshops using ANSA unstructured meshes ¹ Neil Ashton*, ² Vangelis Skaperdas ¹ University of Oxford, UK ² BETA CAE Systems SA, Greece
15:30 - 16:00	Coffee Break & Technical discussions Technology Gallery - Foyer		
	Session 4A Maistros A Moderator: Stelios Seitanis	Session 4B Maistros B Moderator: Nikos Trakatelis	Session 4C Sirocco Moderator: Vangelis Skaperdas
16:00 - 16:30	PSA / BETA partnership for assembly Franck Norreel PSA Groupe, France	Design and development of a prototype electric vehicle's chassis Georgios Koumartzakis, Polychronis Spanoudakis*, Nikolaos C. Tsourveloudis School of Production Engineering and Management Technical University of Crete, Greece	Aerodynamic optimization of a formula student car ¹ Argyrios Apostolidis*, ¹ Athanasios Mattas, ¹ Aggelos Gaitanis, ² Nikolaos Christodoulou ¹ Aristotle Racing Team, Greece, ² BETA CAE Systems SA, Greece
16:30 - 17:00	Comprehensive management of Simulation Runs with ANSA, META and SPDRM ¹ Irene Makropoulou, ¹ Menelaos Pappas*, ¹ Antonios Perifanis*, ² George Nikolaidis ¹ BETA CAE Systems SA, Greece, ² BETA CAE Systems International AG, Switzerland	ANSA/META for Durability & Fatigue analyses Christos Tegos*, Ioannis Asaniotis BETA CAE Systems SA, Greece	Latest enhancements in Pre- and post-processing solutions for CFD Vangelis Skaperdas BETA CAE Systems SA, Greece
17:00 - 18:30	Technical discussions, demonstrations and meetings Technology Gallery - Foyer		
20:00 - 21:30	Dinner The MET Hotel Restaurant		

NOTES

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	Session 3D Zephyros Moderator: Vangelis Karatsis	Demo 3 Maistros C	Demo 3 Maistros D	
	Mesh generation of biomechanics geometries Samuel Gómez*, Alfonso Santiago, Oriol Lehmkuhl, Herbert Owen Barcelona Supercomputing Center, Spain	ANSA Kinetics Solver: Latest Development and use cases A. Paraschoudis		14:30 - 15:00
	Equine science using BETA CAE Software ¹ Nicolina Eklund*, ¹ Erika Engdahl, ¹ Fanny Apelgren, ¹ Johanna Renman, ² Milton Eduardo Peña, ¹ Magnus Karlsteen ¹ Chalmers University of Technology, Department of Physics, Sweden ² BETA CAE Nordic AB, Sweden			15:00 - 15:30
				15:30 - 16:00
	Session 4D Zephyros Moderator: Vangelis Karatsis	Demo 4 Maistros C	Demo 4 Maistros D	
	Automation in morphing finite element model of a detailed baseline human spine to a patient specific spine ¹ Ravi Nimbalkar*, ¹ Raghu Suravaram, ¹ Deepak Lokesh, ² Jobin D. John, ² Narayan Yoganandan, ² Mike W. J. Arun ¹ BETA CAE Systems USA Inc., USA ² Medical College of Wisconsin, USA	Design and Implementation of Robust User Toolbars in Synergy with Python Scripting A. Radopoulos	ACP-OpDesign: Optimal Design Gateway : Reveal the path to optimized products A. Kaloudis, Th. Sarigiannis	16:00 - 16:30
	Usage of BETA CAE tools for a biomechanical approach to ergonomic comfort design for seating Océane Lançon, Ioana Albert, Daniel Rickert ALTEN Sweden, Sweden	Technical Update on NVH Solutions G. Skouvakiis		16:30 - 17:00
				17:00 - 18:30
				20:00 - 21:30

NOTES

7th BEFORE REALITY CONFERENCE

30 May - 01 June, 2017 The MET HOTEL, Thessaloniki Greece

WEDNESDAY, MAY 31 - Morning Sessions

Session 5 Maistros A + B Moderator: Kostis Kiouptsidis						
9:00 - 9:30	From reality to virtuality: Large scale computed tomography data for the CAD-CAE evaluation of a MINI[®] Michael Tryfonidis*, Petros Michailidis BETA CAE Systems SA, Greece		9:00 - 9:30			
9:30 - 10:00	Game-changing functionality for meshing D. Zafeiropoulos BETA CAE Systems International AG, Switzerland		9:30 - 10:00			
10:00 - 10:30	How to fit an analysis in a few hundred MBs Antonis Perifanis*, Stelios Karapantazis BETA CAE Systems SA, Greece		10:00 - 10:30			
10:30 - 11:00	Coffee Break & Technical discussions Technology Gallery - Foyer					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Session 6A Maistros A Moderator: Tasos Sarridis</td> <td style="width:33%;">Session 6B Maistros B Moderator: Thanasis Fokilidis</td> <td style="width:33%;">Session 6C Sirocco Moderator: Nikos Christodoulou</td> </tr> </table>				Session 6A Maistros A Moderator: Tasos Sarridis	Session 6B Maistros B Moderator: Thanasis Fokilidis	Session 6C Sirocco Moderator: Nikos Christodoulou
Session 6A Maistros A Moderator: Tasos Sarridis	Session 6B Maistros B Moderator: Thanasis Fokilidis	Session 6C Sirocco Moderator: Nikos Christodoulou				
11:00 - 11:30	Pre-test and correlation tools for NVH in META Samuel Nacivet PSA Groupe, France	Keynote speech: Where ASEAN and East Asia NCAPs are heading Sadayuki Ujihashi BETA CAE Systems Japan Inc., Japan	Application of ANSA morphing and optimization tools to automotive HVAC system Giovanni Lombardi, Luca Cinguanta*, Marco Maganzi Università di Pisa, Italy			
11:30 - 12:00	Transfer path summation tool ¹ Mikael Hallqvist*, ² Milton Eduardo Peña ¹ Volvo Car Corporation/NVH Center, Sweden ² BETA CAE Nordic AB, Sweden	Comprehensive Safety CAE for the all-new Volvo S90/V90/V90CC Mathias Retzlaff*, P-A Eggertsen, Johan Jergeus, Ingrid Jenshagen, Michelle Khoo, Domenico Macri, Ulf Westberg Volvo Car Corporation, Sweden	Investigation of the sealing method for a new concept rotary engine Savvas Savvakis*, Georgios Traskas theSARMproject, Greece			
12:00 - 12:30	Force based Squeak & Rattle assessment ¹ P. Sabiniaz, ² Y. Wardi*, ³ M. Moridnejad, ⁴ J. Huang, ⁵ Th. Fokilidis, ² J. Weber* ¹ AF, Sweden ² China Euro Vehicle Technology (CEVT) AB, Sweden ³ Volvo Car Corporation, Sweden ⁴ Geely, China ⁵ BETA CAE Systems SA, Greece	Bonnet buckling FE optimization due to new pedestrian requirements in the SEAT Ateca ¹ A. Segura Santillana*, ² C. Arregui-Dalmases, ¹ J. Luzon-Narro, ¹ J. Manuel Iglesias Bermudez ¹ Seat Centro Técnico, Spain, ² Universitat Politècnica de Catalunya, Spain	Influence of micro-CT extracted 3D porous media geometries on CFD simulation results ¹ M. Aboukhedr*, ^{1,2} N. Mitroglou, ¹ M. Gavaises, ³ K. Vogiatzaki ¹ School of Math. Comp. Science and Engineering, City University London, UK ² BETA CAE Systems UK Ltd, UK ³ Advanced Engineering Centre, University of Brighton, UK			
12:30 - 13:00	Development of a tool for the acoustic-calculation of mechanical systems Peter Stamerjohanns Star Acoustics UG, Germany	Automotive bonnet design - ANSA capabilities to enhance the accuracy of the FE simulation results Pawel Sobczak*, Arnaud Freyburger csi entwicklungstechnik GmbH, Germany	X-ray micro-computed tomography for liquid volume fraction measurements and cavitation erosion investigation ¹ N. Mitroglou*, ³ M. Lorenzi, ³ M. Santini, ³ M. Gavaises ¹ BETA CAE Systems UK Ltd., UK ² School of Math. Comp. Science and Engineering, City University London, UK ³ Department of Engineering and Applied Sciences, University of Bergamo, Italy			
13:00 - 13:15	Group-photo shooting					
13:15 - 14:30	Lunch The MET Hotel Restaurant					

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Session 6D Zephyros Moderator: Ioannis Asaniotis			
Demo 6 Maistros C		Demo 6 Maistros D	
Analysis process automation within VPD BRAAS Pierre Orvegren Volvo Construction Equipment, Sweden		Model Update Techniques using Compare and the New Replace S.Chatzikonstantinou	
Automation of door dynamic simulation setup using ANSA Task Manager ¹ Parameshwaran Pasupathy*, ² Parag Nittur ¹ BETA CAE Systems USA Inc, USA ² Fiat Chrysler Automobiles, USA		State-of-the-art methodology for model build and assembly G. Haralampidis, A. Zografos	
ANSA and EPILYSIS as a Linear Elastic Fracture Mechanics (LEFM) tool for 2D structures Federico Zaramella BETA CAE Italy Srl, Italy		Process and Data Management for CAE Simulations M. Pappas	
Solid element based fatigue analysis of weld joints: between the poles of effort and accuracy ¹ Klaus Hofwimmer*, ² Michael Tryfonidis, ³ Halvar Schmidt, ³ Thomas Bruder ¹ Engineering Center Steyr GmbH & Co KG, Austria ² BETA CAE Systems SA, Greece ³ BMW Group, Germany		Feature Manager and its contribution in pre-processing D. Zafeiropoulos	
Delivering production-ready ANSA extensions Y. Kolokythas		12:30 - 13:00	
13:00 - 13:15			
13:15 - 14:30			

WEDNESDAY, MAY 31 - Afternoon Sessions

	Session 7A Maistros A Moderator: Vasilis Pavlidis	Session 7B Maistros B Moderator: Eva Iordanidou	Session 7C Sirocco Moderator: Konstantinos Haliskos
14:30 - 15:00	Honda approach to automate the NV CAE process ¹ Haruki Kubokawa*, ² Kazuhiko Inada, ³ Irene Makropoulou, ³ Stergios Chatzikonstantinou ¹ Honda R&D Co., Ltd, Japan ² BETA CAE Systems Japan Inc., Japan ³ BETA CAE Systems SA, Greece	Working with the built in pedestrian toolbars and custom tool bars in ANSA and META at Volvo Cars Corporation Ulf Westberg Volvo Car Corporation, Sweden	Automation tool for underhood and underbody thermal simulation R. Pradeep*, Umesh Mallikarjuniah*, Prakash Krishnaswamy Xitadel CAE Technologies, India
15:00 - 15:30	Alternative meshing strategies for acoustic radiation: A case study Anastasios Sarridis*, Evangelos Daviloudis, Michael Tryfonidis BETA CAE Systems SA, Greece	Machine learning process to analyze big-data from crash simulations Constantin Diez Adam Opel AG, Germany	Sensitivity analysis of the dimensions and operating conditions of a new concept rotary engine ¹ Nikos Karakioulachis*, ¹ Savvas Savvakis, ² Zisis Samaras ¹ theSARMproject, Greece ² Laboratory of Applied Thermodynamics, Aristotle University of Thessaloniki, Greece
15:30 - 16:00	Coffee Break & Technical discussions Technology Gallery - Foyer		
	Session 8A Maistros A Moderator: Vasilis Pavlidis	Session 8B Maistros B Moderator: Eva Iordanidou	Session 8C Sirocco Moderator: Efi Chatzivasiloglou
16:00 - 16:30	Reliability-based design optimization in random vibrations and aerodynamics ¹ Santosh Patil*, ² Dimitrios Papadimitriou, ² Zissimos Mourelatos, ¹ John Skarakis, ¹ Vishal Naidu ¹ BETA CAE Systems USA Inc., USA ² Oakland University, USA	Combined Analysis of LS-DYNA crash-simulations and Crash-test scans Stefan Mertler*, Lennart Jansen, Dominik Borsotto, Clemens-August Thole SIDACT GmbH, Germany	Running ANSA and META in the Cloud Iago Fernandez Gompute S.L.U., Spain
16:30 - 17:00	Solutions for NVH ¹ Dimitris Daniel, ² Vassilis Pavlidis, ² Dimitris Siskos, ² Kostas Skolarikis ¹ BETA CAE Systems SA, Greece ² BETA CAE Systems International AG, Switzerland	Solutions for Crash and Safety A. Fokilidis*, N. Tzolas BETA CAE Systems SA, Greece	Efficient build-up of modular CFD models K. Haliskos BETA CAE Systems SA, Greece
17:00 - 18:30	Technical discussions, demonstrations and meetings Technology Gallery - Foyer		
20:30 -	Dinner - Social Event: "Greek Night" "Fix live", 26th October str. No. 15		

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	Session 7D Zephyros Moderator: Serafim Chatzimoiadias	Demo 7 Maistros C	Demo 7 Maistros D	
	Active DOE extension: DOE automation tool for multidisciplinary robust design optimization using stochastic analysis ¹ Malik Kayupov*, ² Ravi Nimbalkar, ² Onkar Mande, ³ Joshua Sims, ¹ DS SIMULIA, USA ² BETA CAE Systems USA Inc., USA	Advanced Durability Results Visualization, Analysis and Correlation A. Radopoulos	Mid-surfacing: a task for the "brave"? Not any more D. Zafeiropoulos	14:30 - 15:00
	Canceled: Multi-objective design optimization of steel float by using ANSA Task Manager Burak Yegin*, Kadir Oray Aksoy Ford Otosan, Turkey			15:00 - 15:30
				15:30 - 16:00
	Session 8D Zephyros Moderator: Serafim Chatzimoiadias	Demo 8 Maistros C	Demo 8 Maistros D	
	Canceled: fStamping die topology optimization by using ANSA result mapper Ural Keskin*, Burak Yegin, Kadir Akcan Ford Otosan, Turkey	Data Management in post-processing: An interactive dashboard for results management A. Perifanis, S. Chatzikonstantinou		16:00 - 16:30
	A complete solution for topology and beam section optimization ¹ G. Korbetis, ¹ E. Kastrinakis, ² G. Verros ¹ BETA CAE Systems SA, Greece ² BETA CAE Systems International AG, Switzerland			16:30 - 17:00
				17:00 - 18:30
				20:30 -

NOTES

THURSDAY, June 1 - Morning Sessions

Session 9 Maistros A + B Moderator: Stavros Kleidarias					
9:00 - 9:30	Integration of virtual reality tools into the CAE development process Andreas Pau Daimler AG, Germany				
9:30 - 10:00	RETOMO: The key to 3D-modelling from CT-data of physical objects Evangelos Karatsis*, Chryssa Sferidou BETA CAE Systems SA, Greece				
10:00 - 10:30	Rendering developments in META ¹ Dimitrios Katramados*, ² Dimitrios Siskos ¹ BETA-CAE Systems SA, Greece ² BETA CAE Systems International AG, Switzerland				
10:30 - 11:00	Coffee Break & Technical discussions Technology Gallery - Foyer				
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11:00 - 11:30	ANSA: Enabling innovative modelling practices ¹ Nick Kalatgeros*, ² Andrew Walton, ³ Peter Lumsden, ⁴ Kevin Lindsey ¹ Jaguar Land Rover Limited, UK ² FAR, UK	The generation and maintenance of the 150% common model at CEVT ¹ Jesper Bäcklund*, ² Giannis Haralampidis ¹ China Euro Vehicle Technology (CEVT) AB, Sweden ² BETA CAE Systems SA, Greece	Evaluating visible permanent deformation using the improved rendering tool in META Peter Gustavsson*, Jonas Elmered, Annika Lundberg Volvo Car Corporation, Sweden		
11:30 - 12:00	Python scripting in ANSA/META for automated tasks processing during vehicle development phases ¹ Tunç Uzun, ¹ Heiko Wüstner, ² Thanassis Fokilidis ¹ Ford Werke GmbH/Ford of Europe, Germany ² BETA CAE Systems SA, Greece	Automatic generation of high-quality CAE model using ANSA ¹ Masahiko Yanagisawa, ² Maiko Kato* ¹ Hino Motors, Ltd., Japan ² BETA CAE Systems Japan Inc., Japan	FE Analysis on electric motor subjected to earthquake ¹ Sergio Macchiavello*, ¹ Alessandro Bozzolo, Claudio Brunetto, ² Massimiliano Di Chiara ¹ D'Appolonia S.p.A., Italy ² Nidec ASI S.p.A., Italy		
12:00 - 12:30	Feature recognition and mesh generation for powertrain using ANSA script and C++ programs ¹ Hideki Ishikawa, ² Koji Otani* ¹ AW Engineering Co., Ltd., Japan ² Integral Technology Co., Ltd., Japan	FATXML - Data consistency in the CAE-Process chain Thomas Deiters Volkswagen Osnabrück GmbH, Germany	Finite element model updating of large scale steam turbine rotor Alexandros Arailopoulos*, Dimitrios Giagopoulos Department of Mechanical Engineering, University of Western Macedonia, Greece		
12:30 - 13:00	Study on using geometric hashing in ANSA for shape recognition and data management Marieswaran Ramasamy EASi Technologies, India	xMCF: A standard for joint information, covering PLM ¹ G. Zhang, ² M. Weinert, ³ C. Franke, ¹ G. Tröndle, ¹ Volkswagen AG, Germany ² Ford-Werke GmbH, Germany, ³ PROSTEP AG, Germany	FEM analysis of a handmade tubular metallic space frame for a Porsche 550 Spyder replica car Ioannis Zygantidis* BLAU EI E.E., Greece		
13:00 - 14:30	Lunch The MET Hotel Restaurant				

			9:00 - 9:30			
			9:30 - 10:00			
			10:00 - 10:30			
			10:30 - 11:00			
<table border="1"> <tr> <td>Session 10D Zephyros Moderator: Dimitris Drougkas</td> <td>Demo 10 Maistros C</td> <td>Demo 10 Maistros D</td> </tr> </table>			Session 10D Zephyros Moderator: Dimitris Drougkas	Demo 10 Maistros C	Demo 10 Maistros D	
Session 10D Zephyros Moderator: Dimitris Drougkas	Demo 10 Maistros C	Demo 10 Maistros D				
11:00 - 11:30	Advanced pre-processing tools for process simulation of carbon fiber sheet molding compounds in the automotive industry ¹ V. Romanenko*, ¹ M. Duhovic, ¹ J. Hausmann, ² M. Tryfonidis, ³ J. Eschl ¹ Institut für Verbundwerkstoffe GmbH, Germany ² BETA CAE Systems SA, Greece ³ BMW AG, Germany	Brake Squeal Analysis with ANSA and META I. Karypidis	Feature Manager and its contribution in pre-processing D. Zafeiropoulos			
11:30 - 12:00	Design & optimization of carbonfiber-armored plastic parts with ANSA & META Thomas Wust Kube GmbH Ingenieurbüro, Germany	Powertrain NVH post processing A. Sarridis	ANSA Kinetics Solver: Latest Development and use cases A. Paraschoudis			
12:00 - 12:30	Weight optimization of a F1 composite front wing ¹ Ioannis Oxyzoglou*, ¹ Ioannis Neratzis ¹ Univeristy of Thessaly, Greece ² BETA CAE Systems SA, Greece	Model build up with A/LC points for NVH and use in Pre-Post A. Klotsikas	VIDEO processing - A Unified Environment For Processing Test Videos And Simulation Models S. Kleidarias			
12:30 - 13:00	A complete solution for Squeak and Rattle Analysis T. Fokilidis	Automated Post-Processing & Report-Generation for Standard Crash & Safety Tests Simulation N. Tzolas				
			13:00 - 14:30			

THURSDAY, June 1 - Afternoon Sessions

	Session 11A Maistros A Moderator: Ioannis Nerantzis	Session 11B Maistros B Moderator: Argyrios Radopoulos	Session 11C Sirocco Moderator: Panagiotis Fotopoulos
14:30 - 15:00	CAE active model apps Sunil Earla*, Santosh Patil, John Skarakis BETA CAE Systems USA Inc., USA	ANSA pre-processing strategies for multiphysics simulation of motorcycle Helmet Matteo Pischiutta*, Alberto Salvetti Nolangroup S.p.A., Italy	Advanced post-processing of result from Moldflow/Moldex3D and extension ¹ Jing Jin*, ² Chenling Jiang*, ³ Zhenyi Cao* ¹ BASF /Performance Material, China ² University of Victoria /Department Of Mechanical Engineering, Canada ³ BASF/Performance Material, China
15:00 - 15:30	The state of the BETA development platform ¹ Yianni Kolokythas*, ² Michael Giannakidis ¹ BETA CAE Systems SA, Greece ² BETA CAE Systems International AG, Switzerland	Study of dynamic loads on fabric car cover using coupled fluid-structural analysis Daniele Speziani*, Fabio Vicenza, Andrea Quartararo Phitec Ingegneria Srl, Italy	The effect of porosity on the milling of metal foams ¹ N. Michailidis*, ² S. Kombogiannis, ³ P. Charalampous, ⁴ G. Maliaris ¹ Physical Metallurgy Laboratory, Aristotle University of Thessaloniki, Greece ² Laboratory for Machine Tools and Manufacturing Engineering, Aristotle University of Thessaloniki, Greece ³ Mechatronics & Electromechanical Systems Automation Laboratory, Democritus University of Thrace, Greece
15:30 - 15:45	Closing Remarks Maistros A		
15:45 - 17:00	Farewell discussions and meetings Technology Gallery - Foyer		
20:00 - 21:30	Dinner The MET Hotel Restaurant		

NOTES

Session 11D Zephyros Moderator: George Kormpetis	Demo 11 Maistros C	Demo 11 Maistros D	
Reliability based robust design optimization of a Free-Fall-Life-Boat (FLLB) ¹ Alberto Clarich, ¹ Rosario F.M. Russo*, ² Dimitris Drougkas ¹ ESTECO SpA, Italy ² BETA CAE Systems SA, Greece	NVH Root cause analysis with NVH Console V. Pavlidis	Engineering evaluations through live reports A. Perifanis, I. Karypidis	14:30 - 15:00
Utilizing ANSA and META scripting capabilities for propeller generation, evaluation and post processing ¹ Efi Chatzivasiloglou*, ² Lars Johansson ¹ BETA CAE Nordic AB, Sweden ² Volvo Penta, Sweden	RETOMO: A quick and easy way from CT data back to CAE P. Michailidis, G. Panagos	Mid-surface: task for the "brave"? Not any more D. Zafeiropoulos	15:00 - 15:30
			15:30 - 15:45
			15:45 - 17:00
			20:00 - 21:30

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