



Join us to the 2017 North America Open Meeting

BETA CAE Systems International and BETA CAE Systems USA invite you to the 2017 Open Meeting in North America

October 25, 2017 - The Inn at St. John's, Plymouth, MI, USA

BETA CAE Systems International AG, the leading contemporary industry supplier of simulation solutions, and its business partner in North America, BETA CAE Systems USA Inc. have the pleasure to invite you to the 2017 North America Open Meeting.

The event will take place on October 25th, 2017 at The Inn at St. John's, Plymouth, MI.

During this event you will have the opportunity to be updated on the latest developments and real case applications of BETA's software products, on various CAE disciplines and industries. Furthermore we will introduce to you our new products **KOMVOS-SDM Console** and **RETOMO**.

This year, we are excited to host **Dr. Daniel Schrage**, of Georgia Institute of Technology, as our keynote speaker, who will be presenting **Rotorcraft Multidisciplinary Design Optimization (MDO) through Model Based Engineering (MBE)**.

Dr. Schrage is one of the most highly regarded rotary wing aircraft scientists in the United States and is currently a Professor for the School of Aerospace Engineering, Director of the Center for Excellence in Rotorcraft Technology (CERT) and Director for the Center of Aerospace Systems Engineering (CASE) at the Georgia Institute of Technology. A graduate of the US Military Academy at West Point, for 35 years Dr. Schrage led many of the Pentagon's most advanced rotor-wing programs for the US Army, both before and after retiring from active duty. Dr. Schrage is also the author or co-author of several book chapters and more than 200 technical publications in the fields of dynamics and aeroelasticity, flight mechanics and controls, aerospace systems design, and Integrated Product and Process Development. He is both an AHS and an AIAA Fellow, and a member of the American Society of Engineering Educators.

Technical discussions & demonstrations will offer you the opportunity to discuss with our engineers the software features, their application, and the future developments. A team of CAE experts from BETA CAE Systems will be pleased to meet you in person and exchange knowledge, experience and visions.

Don't miss the opportunity and register today. Registration will be open until October 20.

[REGISTER NOW](#)

There is no participation fee for the event.

The attire will be business casual.

The event is organized and hosted by BETA CAE Systems USA Inc.

Preliminary Agenda Wednesday October 25 - Open Meeting

07:30 08:00 *Registration & Breakfast (Nazareth)*

Plenary Session (Galilee)

08:00	08:05	Introduction John Skarakis, President and Technical Director, BETA CAE Systems USA Inc.
08:05	08:10	Welcome Dimitris Angelis Chairman, BETA CAE Systems SA
08:10	08:40	Keynote Presentation: Rotorcraft Multidisciplinary Design Optimization (MDO) through Model Based Engineering (MBE) Dr. Daniel Schrage, Georgia Institute of Technology
08:40	09:25	Latest developments & New Products in BETA's product line David Dang, BETA CAE Systems USA Inc.
09:25	09:40	KOMVOS - SDM Console: The innovative Simulation Data Management platform Irene Makropoulou, BETA CAE Systems SA
09:40	10:10	Game-changing functionality for meshing Dimitris Zafeiropoulos, BETA CAE Systems International AG
10:10	10:30	<i>Break, Technical Discussion and Demonstrations (Nazareth)</i>

Track 1 (Galilee)

Track 2 (Judea)

Demo sessions (Esther)

10:30	11:00	From Model Assembly to Load-case Set-up: a holistic approach Irene Makropoulou, BETA CAE Systems SA Lambros Rorris, BETA CAE Systems International AG	Efficient build-up of modular CFD models Daniel Cruz, BETA CAE Systems USA Inc.	
11:00	11:30	ACP-OpDesign, Optimal Design Gateway: Reveal the path to optimized products Alexis Kaloudis, BETA CAE Systems International AG	Integrating ANSA, modeFrontier, TAITherm & GT-SUITE to Optimize a Heat Shield Daniel Schmidt, ESTECO Ravi Nimbalkar, BETA CAE Systems USA Inc.	Model Update Techniques using Compare and the New Replace - Demonstration - Nikolas Drivakos, BETA CAE Systems SA
11:30	12:00	ACP-OpDesign: Reveal the path to optimized products - Demonstration - Theocharis Sarigiannis, BETA CAE Systems SA	Reliability based design optimization with applications in CFD Dimitrios Papadimitriou, Vishal Naidu, Daniel Cruz, Victor Rosu & John Skarakis, BETA CAE Systems USA Inc. Zissimos Mourelatos & Dionysios Panagiotopoulos, Oakland University	Mid-surfacing: a task for the "brave"? Not any more - Demonstration - Dimitris Zafeiropoulos, BETA CAE Systems International AG
12:00	13:00	<i>Lunch (Atrium)</i>		

Track 1 (Galilee)

Track 2 (Judea)

Demo sessions (Esther)

13:00	13:30	From reality to virtuality - Large scale computed tomography data for the CAD-CAE evaluation of a MINI© Nikolas Drivakos, BETA CAE Systems SA	User Defined Toolbars for Enhanced Post Processing Automation in MetaPost Parameshwaran Pasupathy & Vasilis Geroulas, BETA CAE Systems USA Inc.	Feature Manager and its contribution in pre-processing - Demonstration - Dimitris Zafeiropoulos, BETA CAE Systems International AG
13:30	14:00	Robust and Reliability based design optimization for Crash & Safety applications using ACTIVE DOE Onkar Mande, Dimitrios Papadimitriou & Joshua Sims, BETA CAE Systems USA Inc. Zissimos Mourelatos, Oakland University	Automation in morphing finite element model of a detailed baseline human spine to a patient specific spine Jobin D. John, Narayan Yoganandan & Mike W. J. Arun, Medical College of Wisconsin Ravi Nimbalkar, Raghu Suravaram & Deepak Lokesh, BETA CAE Systems USA Inc.	
14:00	14:30	Comprehensive management of Simulation Runs with ANSA, META and SPDRM Menelaos Pappas, BETA CAE Systems SA	Time dependent reliability analysis for nonlinear random vibrations Vasilis Geroulas, Vasiliki Tsianika, BETA CAE Systems USA Inc. Zissimos Mourelatos, Oakland University	
14:30	14:50	<i>Break, Technical Discussion and Demonstrations (Nazareth)</i>		
Plenary Session (Galilee)				
14:50	15:20	How to fit an analysis in a few hundred MBs Stavros Kleidarias, BETA CAE Systems SA		
15:20	16:00	CAE Active Model Apps Sunil Earla, Santosh Patil & John Skarakis, BETA CAE Systems USA Inc.		
16:00	16:05	Closing Remarks		
16:05	17:30	<i>Reception & Raffle (Nazareth)</i> <i>Technical Discussion and Demonstrations</i>		

REGISTER NOW

Venue

The Inn at St. John's
44045 Five Mile Road
Plymouth, MI 48170, USA

Location [Map](#)

Web: www.stjohnsgolfconference.com

Important dates

Registration until: **October 20, 2017**
Event: **October 25, 2017**

Information

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Accommodation

Those who would like to stay at the hotel "The Inn at St. John's" are offered a **discounted rate** of \$141/night. Reserve your room **before October 9** in order to be eligible for this discounted rate.

