



Join us to the 2018 BETA CAE Systems North America Open Meeting

October 3, 2018
The Inn at St. John's
Plymouth, 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 2018 BETA CAE Systems North America Open Meeting. The event will take place on October 3, 2018 in The Inn at St. John's, Plymouth, MI.

During this event you will have the opportunity to be updated on the latest developments and new software products, along with real case applications of our software, on various CAE disciplines and industries.

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.

We extend our appreciation to our guest speakers who compile this year a unique constellation of application cases and success stories.

Don't miss the opportunity and register today. Registration will be open until September 26th.

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.

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Preliminary Agenda (updated) Wednesday October 3, 2018 - Open Meeting

07:30 *Registration & Breakfast (Nazareth)*

Plenary Session (Galilee)

08:00 **Introduction**

John Skarakis

President and Technical Director, BETA CAE Systems USA Inc.

- 08:05 **Welcome**
Dimitris Angelis, Chairman, BETA CAE Systems SA
- 08:10 **BETA CAE Systems Company Presentation**
Sam Saltiel, CCO
BETA CAE Systems International AG
- 08:25 *Keynote Speech: Virtual Engineering Aerospace Applications from Conceptual Design to Certification*
Dr. Geraldo Olivares
Director, Virtual Engineering and Crash Dynamics Laboratories, NIAR
- 08:55 **Latest developments & New Products in BETA's product line**
Santosh Patil, BETA CAE Systems USA Inc.
- 09:40 **Collaboration for advanced Process Automation**
Scott Larsen, General Motors
- 10:10 *Break, Technical Discussion and Demonstrations (Nazareth)*

	Track 1 (Galilee)	Track 2 (Judea)	Track 3 (Judith)
10:40	Automation in ANSA and META for Durability Anthony Calson, Bradley Fallon, Daimler Trucks North America	NVH Pretest Analysis Vassilis Pavlidis, BETA CAE Systems International AG	DEMO: Octree entity for Surface Wrapping and Hextreme Dimitrios Papadimitriou, BETA CAE Systems USA Inc.
11:10	Automation of Door Seal Modeling Using ANSA/Python Sudhakar Doppalapudi, Suhas Patil, Roshan Mahadule, FCA US LLC, Parameshwaran Pasupathy, BETA CAE Systems USA, Inc.	Active DOE® extension: Bushing and Gage DOE based design Optimization using NVHC and Active DOE Onkar Mande, Joshua Sims, Laxmi Sashayala, BETA CAE Systems USA, Inc.	DEMO: Occupant Injury Criteria - a solution for the evaluation of occupant and structural, simulation and physical test results in META Stavros Kleidarias, BETA CAE Systems
11:40	Optim Welds: New Multidisciplinary Spotweld Optimization tool Tyler Jankowiak, BETA CAE Systems USA, Inc.	Fast Design Optimization of Automotive NVH Using Dynamic Substructuring of NVH Console Inseok Park, Dimitrios Papadimitriou, John Skarakis, BETA CAE Systems USA, Inc.	DEMO: Model Set up, Analysis and Results of the Inverse Forming tool in ANSA Athanasios Fokylidis, BETA CAE Systems

12:10 *Lunch (Atrium)*

	Track 1 (Galilee)	Track 2 (Judea)	Track 3 (Judith)
13:10	State-of-the-art environment for Simulation Run Management Irene Makropoulou, BETA CAE Systems	BETA's contribution to Geometry and Mesh Generation and Propulsion Aerodynamics Workshops Vangelis Skaperdas, Dimitrios Papadimitriou, BETA CAE Systems USA Inc.	DEMO: One Step Squeak and Rattle Analysis Athanasios Fokylidis, BETA CAE Systems
13:40	Beam section optimization utilizing EPILYSIS and the new DOE Tool Dimitrios Drougkas, BETA CAE Systems	Integrating ANSA with Moldex3D for a Seamless Molding Simulation Design Change Onkar Mande, BETA CAE Systems USA, Inc.	DEMO: MATDB extension: A customized solution to manage CAE Material DB Hemachandran Selvaraju, Onkar Mande & Joshua Sims, BETA CAE Systems USA, Inc.
14:10	Oil canning Suite - A Complete Set of Tools for Model Setup for Oil canning Analysis Parameshwaran Pasupathy , BETA CAE Systems USA Inc.	Multimaterial Lightweighting Door System Using Optimization-Led Design Software ACP OpDesign Akbar Farahani, Divesh Mittal, Ming Zhang, ETA	RETOMO - A dynamic finite element model to determine in-situ biomechanics of a running shoe Nikolaos Drivakos, BETA CAE Systems

14:40 *Break, Technical Discussion and Demonstrations (Nazareth)*

Plenary Session (Galilee)

- 15:10 **Multidisciplinary Design Optimization benchmark using Active DOE at Karma Automotive**
Amit Ashok Kulkarni, Rao Nuthalapati, John Cooper, Julie Cyrenne, Karma Automotive
- 15:40 **ACP-OpDesing, Optimal Design Gateway: Reveal the path to optimized products**
Alexis Kaloudis, BETA CAE Systems International AG
- 16:10 **Closing Remarks**
- 16:15 *Reception & Raffle (Nazareth)*
Technical Discussion and Demonstrations

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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: **September 26**
Event: **October 3**

Information

Miss Tracy Cappel
Email: naom2018@ansa-usa.com
Tel: +1 248-737-9760 x210