



Join us to the 2023 BETA CAE Systems North America Open Meeting

October 12, 2023
Suburban Collection Showplace, Diamond Center, Novi, MI, USA

You are cordially invited to the 2023 BETA CAE Systems North America Open Meeting, the event that brings the engineering simulation community together. Our event will take place on October 12th, 2023 in Suburban Collection Showplace, Diamond Center, Novi, MI, USA.

Engineers of BETA from around the world, will travel you through some of our latest achievements, and will give you a glimpse of our plans for the future.

This year, we are excited to host distinguished speakers from the industry and the academia. We are honoured to have in our agenda presentations of: Kishore Pydimarry from Honda America, Scott Larsen from General Motors, Bingfeng Fan from General Motors, Liying Zhang from Wayne State University, Cameron O’Keeffe and Garrett Humphrey from Honda Development & Manufacturing of America, Nimish Deshpande and Betty Agnes Boye from ArcelorMittal Americas, Christopher Raprager from General Motors, CJ Doolittle from Flexcompute and Jonathon Casler from MRacing of the University of Michigan.

Keeping loyal to the tradition of the Open Meetings, technical discussions and demonstrations will also feature in the agenda. These will offer you the opportunity to discuss with our engineers about the software features, their application, as well as 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 6th.

There is no participation fee for the event. The attire will be business casual.
This event is hosted by BETA CAE Systems USA.

REGISTER NOW

Preliminary Agenda

08:00 - 08:30 *Registration & Breakfast*

Plenary Session (Sapphire / Ruby Ballrooms)

08:30 - 08:40 **Welcome remarks**
Stefanos Chatziangelidis, CEO, BETA CAE Systems USA
Dimitrios Angelis, President, BETA CAE Systems

08:40 - 09:10 **The evolution of BETA CAE Systems portfolio in a nutshell**
Santosh Patil, PhD, BETA CAE Systems

- 09:10 - 09:40 Keynote: **A sneak peek into the Honda Virtual Modeling process**
Kishore Pydimarry, Chief Engineer, Honda Development and Manufacturing of America
- 09:40 - 10:10 Keynote: **Automotive Virtual Validation at scale**
Scott Larsen, Group Manager CAE Modeling, Virtual Design, Development and Validation, General Motors

10:10 - 10:30 *Break*

Track 1 (Sapphire / Ruby Ballrooms)	Track 2 (Opal Ballroom)	Track 3 (Garnet Ballroom)
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| 10:30 - 11:00 | Compression and thermal coupled analysis of a Rover battery package
Emmanuela Baksiova, BETA CAE Systems | Latest and future developments in NVH
Vageswar Akula, BETA CAE Systems | Interaction of Flow360 with ANSA for fast and accurate Aerodynamic Analysis
CJ Doolittle, Flexcompute |
| 11:00 - 11:30 | Cutting-edge FMVSS201U targeting and head positioning at General Motors
Bingfeng Fan, General Motors | Latest and future developments in simulations for durability and composites materials-made structures
Harish Hebbur, BETA CAE Systems | Optimizing FSAE Aerodynamics
Jonathon Casler, MRacing, University of Michigan, Ann Arbor, MI |
| 11:30 - 12:00 | Enhancing injury prediction and risk function development using advanced Human Body Models and META Post-Processor
Liyang Zhang, PhD, Biomedical Engineering, Wayne State University, Detroit, MI | FATIQ - The comprehensive platform for streamlined fatigue analysis
Amruta Gaidhani, BETA CAE Systems | Latest and future developments in ANSA and META for CFD
Ka Ng, BETA CAE Systems |

12:00 - 13:00 *Lunch*

Track 1 (Sapphire / Ruby Ballrooms)	Track 2 (Opal Ballroom)	Track 3 (Garnet Ballroom)
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| 13:00 - 13:30 | Crash-Test Automated (CTA) reporting with META Post
Cameron O'Keeffe, Garrett Humphrey, Honda Development & Manufacturing of America | Core tool centric automation
Christopher Raprager, General Motors | Latest and future developments in BETA CAE solvers
Deepak Lokesha, BETA CAE Systems |
| 13:30 - 14:00 | Evolution and validation of ArcelorMittal multi part integration concepts using ANSA & META
Nimish Deshpande, Betty Agnes Boye, ArcelorMittal Tailored Blanks Americas | Streamlining simulation run preparation with an end-to-end modular methodology
Sriram Banda, BETA CAE Systems | [Demo] META automation: best practices and proven techniques
Jared Langley, BETA CAE Systems |
| 14:00 - 14:30 | Latest and future developments in Crash and Safety
Thanasis Fokilidis, BETA CAE Systems | Latest and future developments in morphing and optimization
Florin Morar, BETA CAE Systems | [Demo] Revamping Model Build: part build at the service of CAE modeling teams
Nikolas Drivakos, BETA CAE Systems |
| 14:30 - 15:00 | Addressing positioning challenges for ATDs and HBMs: embracing the ANSA approach in industrial safety applications
Dinesh Pandeti, BETA CAE Systems | Machine Learning tools for accelerating CAE and unleashing Design Exploration
Dimitrios Drougkas, BETA CAE Systems | [Demo] Efficient middle meshing
Victor Rosu, BETA CAE Systems |

15:00 - 15:20 *Break*

Plenary Session (Sapphire / Ruby Ballrooms)
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15:20	-	15:50	ANSERS: The single point-of-truth for simulation and physical test data Antonis Perifanis, BETA CAE Systems
15:50	-	16:20	Electromagnetic compatibility and radio frequency simulations in the automotive sector: New possibilities with ANSA/META Nikolas Drivakos, BETA CAE Systems
16:20	-	16:50	Future directions of BETA CAE Systems product line Dimitris Siskos, BETA CAE Systems
16:50	-	16:55	Closing remarks Stefanos Chatziangelidis, BETA CAE Systems
16:55	-	18:30	<i>Reception</i>

REGISTER NOW

The Venue

Logo
Suburban Collection Showplace
Diamond Center
46100 Grand River Ave.
Novi, MI 48374, USA
URL: diamondbanquetcenter.com
Location [on the map](#).

Book your hotel

Have a room to the Hyatt Place Detroit/Novi at a discount price.
Booking code : G-BETA.

BOOK HERE

Information

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