

Conference Agenda

Day 1 | Wednesday, May 13, 2026 *(times subject to change)*

Register or learn more [here](#)

8:15 AM	Registration, Coffee & Breakfast in Sponsor Exhibit Area and 3DEXPERIENCE Playground						
	Advanced Seminar Room: GOLD	Advanced Seminar Room: COPPER	Advanced Seminar Room: SILVER	Advanced Seminar Room: BRONZE	Advanced Seminar Room: AMETHYST	Advanced Seminar Room: EMERALD	Advanced Seminar Room: CORAL
9:15 AM*	Structures	Multibody System Dynamics	Fluids	Multiphysics	Electromagnetics	Modeling & Simulation	Manufacturing Process Simulation
10:45 AM	Morning Break in Sponsor Exhibit Area and 3DEXPERIENCE Playground						
	Advanced Seminar Room: GOLD	Advanced Seminar Room: COPPER	Advanced Seminar Room: SILVER	Advanced Seminar Room: BRONZE	Advanced Seminar Room: AMETHYST	Advanced Seminar Room: EMERALD	Advanced Seminar Room: CORAL
11:15 AM*	Structures	Multibody System Dynamics	Fluids	Multiphysics	Electromagnetics	Modeling & Simulation	Manufacturing Process Simulation
12:45 PM	Plated Lunch, Sponsor Exhibit Area & Playground Open – Sponsored by VIAS3D						
1:45 PM	Welcome & Opening Remarks, Mark Bohm, Dassault Systèmes						
1:55 PM	SIMULIA Brand Insights 2026, Michelle Ash, SIMULIA CEO						
2:15 PM	Keynote Presentation: TBA						
2:45 PM	Roundtable Discussion: Partnerships to Build Industrial AI Platforms for Virtual Twins, Dassault Systèmes + Special Guests						
3:30 PM	Afternoon Break in Sponsor Exhibit Area and 3DEXPERIENCE Playground						
	SIMULIA Update I – GOLD	SIMULIA Update II – COPPER	SIMULIA Update III – SILVER	SIMULIA Update IV – BRONZE	SIMULIA Update V – AMETHYST	SIMULIA Update VI – EMERALD	SIMULIA Update VII – Coral
4:00 PM	Structures	Multibody System Dynamics	Fluids	Session I: Vibro-Acoustics	Electromagnetics	Modeling & Simulation	Session I: Multiphysics
4:30 PM		TBA		TBA			TBA
5:00 PM		TBA		TBA			TBA
5:30 PM	Reception in Sponsor Exhibit Area and 3DEXPERIENCE Playground						

*See Page 4 for Advanced Seminar Descriptions

Conference Agenda

Day 2 | Thursday, May 14, 2026 *(times subject to change)*

Register or learn more [here](#)

8:15 AM	Registration, Coffee & Breakfast in Sponsor Exhibit Area and 3DEXPERIENCE Playground							
9:15 AM	Welcome & Opening Remarks, Mark Bohm & Peer-Philipp Krambeer, Dassault Systèmes							
9:30 AM	Modeling & Simulation (+AI) – Enabling Transformation from Sequential to Concurrent Engineering, Ramji Kamakoti, Dassault Systèmes							
10:00 AM	Keynote Presentation: Why 3DEXPERIENCE Has Become a Transformative Experience for the Ford Chassis CAE Engineering Team, Satyendra Savanur, Ford Motor Co.							
10:30 AM	Morning Break in Sponsor Exhibit Area and 3DEXPERIENCE Playground							
11:00 AM	SIMULIA Presentation: TBA							
11:30 AM	Keynote Presentation: Advancing Generative Design and Optimization with Modeling & Simulation, Jason Action, Lockheed Martin							
12:00 PM	SIMULIA Champions Welcome							
12:15 PM	Group Photo, Plated Lunch, Sponsor Exhibit Area & Playground Open – Sponsored by VIAS3D							
THANK YOU TO OUR GOLD & SILVER SPONSORS!								
	Track 1 – GOLD Sponsor Session	Track 2 – SILVER Sponsor Session	Track 3 – COPPER Sponsor Session	Track 4 – BRONZE Sponsor Session	Track 5 – AMETHYST Sponsor Session	Track 6 – EMERALD Sponsor Session	Track 7 – CORAL Sponsor Session	
1:30 PM	GoEngineer	Enabling Agile Design Reviews for Abaqus users: Transitioning from Static Reports to Interactive 3D Slides / Workflows <i>Prasad Mandava, VCollab</i>	Multiphysics of Oxidation and Fatigue in Elastomer Automotive Applications <i>William Mars, Endurica LLC</i>	Coreform	Load Reconstruction with Wolf Star Technologies' True-Load <i>Tim Hunter, Wolf Star</i>	TotalCAE HPC Technology Choices for Accelerating the SIMULIA Portfolio <i>Rod Mach, TotalCAE</i>	TBA	
1:50 PM	Become a Simulation Olympian: The Analyst's Journey on the 3DEXPERIENCE Platform <i>Benjamin Beckelynych, Technia</i>	Trimech	Lenovo/AMD	TATA Technologies	VIAS3D	Automated Polymer Material Characterization for Abaqus Using VALIMAT®-AUTOFIT Workflow <i>Arjun Balagopal Menon, 4aEngineering GmbH</i>	TBA	
Customer Technical Breakout Sessions								
	Track 1 – GOLD Structure I	Track 2 – SILVER Structures II	Track 3 – COPPER Structures III	Track 4 – BRONZE Electromagnetics	Track 5 – AMETHYST MODSIM	Track 6 – EMERALD Multidiscipline	Track 7 – CORAL Fluids	Track 8 – PEARL Vibro-Acoustics
2:10 PM	Use of IGA and Immersed Mesh within Abaqus <i>Clint Nicely, RTX – Pratt & Whitney</i>	From Virtual Validation to Reliable Design: CAE Across Caterpillar Machines <i>Ashraf Idkaidek, Caterpillar</i>	Utilizing Rubber Coated Metal (RCM) Gaskets to Seal Openings with a Thin Steel Cover <i>Brian Engel, Dauch Corp. (Formally AAM)</i>	Advanced Electronic Packaging System Level Modeling: PCB Voxelization and Submodeling <i>Shams Arifeen & Aiman Shibli, Google</i>	TBA	Predictive Simulation and Virtual Twin Framework for Material and Design Optimization in Comfort-Focused Products <i>Arindam Chakraborty, VIAS3D, on behalf of Purple Innovations</i>	Power insight VR Enabling Real Time Collaboration for Flow Filed Understanding, <i>Fernando Saito, General Motors</i>	Flight Test Reduction via Vibroacoustic Analysis <i>Gary Simpson, Lockheed Martin</i>
2:40 PM	Prismatic Cell Enclosure Analysis Using Ductile Damage Model <i>Arturo Sanchez, General Motors</i>	TBA	From Microstructure to Bulk Response: Multiscale Modeling of Fiber-Reinforced Soft Materials in Abaqus <i>MD Saiful Islam, University of Louisiana-Lafayette</i>	Efficient Gap Modeling in CST Studio Suite for Early Prediction of EMC Failures in Automotive Shielded Interconnects <i>Safal Sharma & Abbas Alwishah, Molex</i>	Optimization Process Applied to Agricultural Tires <i>Victor Messias, Titan Tire & Thomas Schlitt, GoEngineer</i>	TBA	High-Fidelity Computational Approach to Study sUAS Aerodynamic Degradation in Rime Ice Conditions <i>Edwin Daniel, NIAR - Wichita State University</i>	TBA
3:10 PM	Afternoon Break in Sponsor Exhibit Area and 3DEXPERIENCE Playground							

Conference Agenda Day 2 Continued (times subject to change)

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		Track 1 – GOLD Structure I	Track 2 – SILVER Structures II	Track 3 – COPPER Structures III	Track 4 – BRONZE Electromagnetics	Track 5 – AMETHYST MODSIM	Track 6 – EMERALD MODSIM II	Track 7 – CORAL Fluids	
3:40 PM		Progressive Failure Simulation of Both Polymer- and Ceramic-Matrix Composites Performed Using Abaqus <i>Dr. Jim Roach, RTX – Pratt & Whitney</i>	From Abaqus Simulation to Real-Time Structural Integrity Using Physics-Informed AI <i>Benedikt Engel, MatAlytics Ltd,</i>	Rotordynamics Design Analysis of a High-Speed Composite Flywheel: Key Challenges & Solutions <i>Joshua Gorfain, Quartus Engineering</i>	TBA	Ultra-Optimized Packaging Design <i>Brad Philip, Amcor Rigid Packaging</i>	Flow Driven Generative Design and Parametric Optimization Case Studies <i>Prashanth (Pat) Pai, Ford Motor Co.</i>	Computational Framework for Designing and Testing Novel Open Rotors Propeller <i>Barry Lim, Wichita State University - NIAR</i>	
4:10 PM		Motor Laminate Stack Interlocking & Dismantle Simulation <i>Marcus Chen, General Motors</i>	Automating Results Extraction for Families of Products <i>Henry Hojnacki, Engineering Strategies</i>	High Cycle Fatigue Evaluation of a Marine Outboard Cylinder Head Under Combined Assembly, Thermal, and Vibratory Loading <i>Ameer Ambavaram, Mercury Marine</i>	An Analytic Approach for the Noise and Vibration Optimization of an Electric Motor <i>Babak Sakhaei, Dana TM4 Inc.</i>	Non-Pneumatic Tire Design and Validation <i>Thomas Feister, TriMech Solutions on behalf of A3T LLC</i>	TBA	TBA	
4:40 PM		Numerical Assessment of High- and Low-Cycle Bending Fatigue Failure in ENP-Coated Carburized Shafts <i>Anoop Vasu, Dauch Corp. (Formerly AAM)</i>	Nonlocal Drucker-Prager Plasticity: A VUMAT Implementation, Verification, and Application <i>Timmy Ngo, Purdue University</i>	TBA	Compact High-Performance Circularly Polarized Dish Feed for 1296 MHz <i>Bill Siino, Curious Communications & Clint Patton, GoEngineer</i>	TBA	Medical Device Product Development – Ensuring Success amidst Uncertainty <i>Kyle Johnson, NeoCoil & Chris Schaefer, GSC</i>	TBA	
5:10 PM	Evening Reception in Sponsor Exhibit Area and 3DEXPERIENCE Playground								

Advanced Seminar Descriptions

Register or learn more [here](#)

Structures	<ul style="list-style-type: none"> • Session 1: Practical Nonlinear Finite Element Analysis with Abaqus • Session 2: A General Review of Fatigue Assessments, Including the Recent Trends of AI/ML Adoption on Fatigue
Multibody System Dynamics	<p>Agenda to include:</p> <ul style="list-style-type: none"> • Multibody and Motion Technology: Current State and Motion Roles on the 3DEXPERIENCE Platform • SIMPACT Realtime and ADAS applications
Fluids	<p>Agenda to include:</p> <ul style="list-style-type: none"> • New Native Thermal Solver in PowerFLOW • Advances in Fluids AI/ML • Virtual Porous Media Lab for Semiconductor Manufacturing • Updates on GPU Compute
Multiphysics	<ul style="list-style-type: none"> • Session 1: SIMULIA Multiphysics Simulation Framework • Session 2: Electromechanical Systems Modeling • Session 3: Fluid Structure Interaction (FSI) in 3DEXPERIENCE Platform • Session 4: Battery Modeling Using Abaqus
Electromagnetics	<ul style="list-style-type: none"> • Session 1: Electromagnetic Simulations for the T&M Industry: An Overview • Session 2: Electromagnetics Focus Application: EMC/EMI • Session 3: Electromagnetics Focus Application: Motor Design and Acoustic Noise Control • Session 4: Electromagnetics Focus Application: Electro-Thermal Co-Simulation
Modeling & Simulation	<ul style="list-style-type: none"> • Session 1: MODSIM R&D Updates • Session 2: MODSIM Foundations • Session 3: MODSIM Advanced
Manufacturing Process Simulation	<ul style="list-style-type: none"> • Session 1: SIMULIA Manufacturing Process Simulation Overview • Session 2: Welding Simulation Using Abaqus • Session 3: Composite Curing Simulation • Session 4: Semiconductor Manufacturing Process