

Monday			
	Reef D	Reef E	Reef F
1:30 - 2:15 p.m.	Join Reef E for Simcenter keynote	Simcenter: Transform engineering, using simulation and test to drive productivity and empower innovation. Jean-Claude Ercolanelli and Lisa Mesaros	Join Reef E for Simcenter keynote
2:15 - 3:00 p.m.	Navigating space in the future: Integrating AI with simulation process and data management at Northrop Grumman Tom Stoumbos	OneSubsea: tackling the energy trilemma using novel subsea technology Anton Riström	Corrdesa: Advancing electroplating applications through numerical simulation, a focus on zinc-nickel electrolyte systems Bashir Alnajjar
Tuesday			
	Reef D	Reef E	Reef F
10:30 - 11:15 a.m.	Boeing: Simcenter FLOEFD and SmartPCB for complex Electro-mechanical analysis Jared Gresen	From development to deployment, SLM at Caterpillar Industrial Power Systems Andy Sullivan	Product demonstration: MADE and its place in the MBSE digital thread Chris Stecki
11:45 a.m. - 12:30 p.m.	Boeing: HPC cluster and Simcenter portfolio for complex detailed analysis Iris Cai	Siemens Energy: Artificial intelligence, design space exploration and optimization, E2E PLM data management + digital thread ... real business value gas turbine design use-cases. Daniel Mekker	Zero-hardware development of ADAS systems – from virtual critical scenario creation to virtual ECUs Akshay Sheorey
2:00 - 2:45 p.m.	Gulfstream Aerospace: Using Simcenter Amesim optimization studies to approximate unmeasurable model parameters William Coleman	Maximizing the Digital Twin with executable Digital Twin (xDT) Tom Phillips	Battery engineering workflow – from cell chemistry exploration to BMS development John Wilson
3:15 - 4:00 p.m.	Gulfstream Aerospace: analysis of flow through air distribution duct Paula Barrios	Vale: optimizing car dumper maintenance processes through executable Digital Twin Eliane Rodrigues	Driving the vehicle electrification digital thread with effective simulation and test methodologies Chris Paulson
4:30 - 5:15 p.m.	Raytheon: how to maximize and integrate engineer model-based PCB designs into automated top level systems-model databases Filbert Arzola	Corrdesa: simplifying CFD for corrosion risk and severity prediction in diverse applications through a specialized toolset Julio Mendez	Streamlined electronics development workflow Antonio Caruso
Wednesday			
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10:30 - 11:15 a.m.	Gulfstream Aerospace: engine fire modeling in support of Aircraft Airworthiness Certification Bruno Fletcher	Caterpillar: automating mesh creation using selection recipes, universal connections, and FEM templates James Dunn	Siemens’ practice for assessing, tailoring and initiating MBSE digital transformations Brian Thornton
11:45 a.m. - 12:30 p.m.	Boeing: motivating teams to learn and adopt Connor Marshall	AGCO - Digital Twin of an agricultural machine Jeovano de Lima	MBSE in operation...requirements driven design verification & validation - Siemens Xcelerator demonstration Brian Thornton
2:00 - 2:45 p.m.	Gulfstream Aerospace: aircraft thermal fuel tank modeling and validation in Simcenter Amesim Allan Settles	Delta Faucet: rectangular aerator flow improvement for non-standard inlet geometry Mark Cipriani	Streamlining simulation: a case study on successful deployment of simulation process and data management software at X-energy Rick Licursi
3:15 - 4:00 p.m.	Connecting the digital thread for fuel mass property analysis Mark Ray	ASML: implementation of simplified plasma chemistry in Simcenter STAR-CCM+ via Chemkin Federico La Torre	RAMS & Contested Logistics Chris Stecki
4:30 - 5:15 p.m.	Deploy the airframe structural engineering process of the future - today Jens DeBoer	Rensselaer Motorsport: a deep dive into high lift aerodynamics for motorsport application FSAE Elliot Wilk	Leveraging the Comprehensive Digital Twin using Simcenter Reduced Order Modeling Darren Nunes