



START	END	TOPIC & SPEAKER	COMPANY
8.00 am	9.00 am	Registration and technology exhibition	
9.00 am	9.10 am	Opening remarks - Nader Fateh	ESTECO
9.10 am	9.30 am	Welcome address - Carlo Poloni	ESTECO
9.30 am	10.00 am	Keynote - Immortal machines - Jason Carroll	Eaton Corporation
10.00 am	10.30 am	Keynote - Augmenting decision-making throughout the product lifecycle via simulation-based insights Kevin Brittain	Cummins Inc.
10.30 am	11.00 am	Refreshment and technology exhibition	
11.00 am	11.40 am	Elevate design optimization with ESTECO digital engineering technologies Danilo Di Stefano · Marco Turchetto	ESTECO
11.40 am	12.05 pm	Optimized body structure development for vehicle dynamics specifications using modeFRONTIER enabled reduced order models Aniruddha Joshi	Honda
12.05 pm	12.30 pm	Reaching for the North Star - Our model based enterprise journey from monolith to microservice, Part 2 Daryn J. Decker	Lockheed Martin Corporation
12.30 pm	01.30 pm	LUNCH BREAK	
01.30 pm	01.55 pm	Switching from simulation-driven to data-driven design by exploiting the synergy of VOLTA and romBOX Haysam Telib	Optimad
01.55 pm	02.20 pm	Enhancing the design efficiency of downhole tools used in energy services with surrogate models and optimization Vaibhav Marfatia	Schlumberger Technology Corporation
02.20 pm	02.45 pm	Engineering design optimization for sporting equipment Ninad Trifale	Wilson Sporting Goods Co.
02.45 pm	03.10 pm	Optimization of engine water jacket performance using modeFRONTIER Jeff Maher	Polaris
03.10 pm	03.40 pm	Refreshment and technology exhibition	
03.40 pm	04.05 pm	Sensitivity and reliability analysis of a catheter sheath hemostasis assembly to improve patient safety and reduce scrap Arric E. McLauchlan	Medtronic PLC
04.05 pm	04.30 pm	Structural optimization of truck frame for multiple NVH events Mounir Blibeche	Ford Motor Company
04.30 pm	04.55 pm	Digital Thread: Leveraging the power of API to connect your internal processes to VOLTA digital engineering platform Matteo Francia	ESTECO
04.55 pm	05.00 pm	Closing remarks Nader Fateh	ESTECO
05.00 pm	06.00 pm	Conference reception	



START	END	TOPIC	COMPANY
09.00 am	12.00 pm	<p>modeFRONTIER hands-on training - Handling uncertainty, robustness and reliability in simulation-based design</p> <p><i>This training session is going to cover theoretical topics of types of uncertainties affecting simulation-based design, and approaches to quantify them.</i></p> <p><i>The hands-on portion of the training will cover practical examples to model robustness analysis, multiobjective robust optimization and reliability estimation using ESTECO Technologies.</i></p> <p>Xue Zhendan · Apurva Gokhale (ESTECO)</p>	
09.00 am	12.00 pm	<p>VOLTA hands-on training - Enabling enterprise digital thread using Simulation Process Automation, Simulation Data Management and optimization driven design</p> <p><i>This hands-on training is going to focus on Simulation Process Automation, Simulation Data Management and collaboration in a cloud-based enterprise environment.</i></p> <p><i>The training will walk you through the entire process from a model to an optimized design in a collaborative web-based environment with data analytics enabling the decision making.</i></p> <p>Alexander Duggan · Braydan Collins (ESTECO)</p>	
01.00 pm	04.00 pm	<p>VOLTA Hands-On Workshop · Session A · Business Process Modeling and Execution in Engineering Design Workflows</p> <p><i>The first part of this hands-on training is going to focus on the importance of Business Process Modeling and execution in an engineering design process. It will highlight the value of simulation workflows and human-in-the-loop tasks managed by a business process helping monitor progress, schedule repetitive tasks and traceability in the engineering decision making process.</i></p> <p>Marco Turchetto (ESTECO)</p> <p>VOLTA Hands-On Workshop · Session B · No-Code Democratization of Simulation Driven Design</p> <p><i>The second part of the training will cover no-code appification of simulation and simulation workflows enabling subject-matter experts to create, manage and publish apps using VOLTA. It will also introduce VOLTA Application Programming Interface (API) for experts who want to integrate VOLTA in their digital thread.</i></p> <p>Matteo Francia (ESTECO)</p>	
01.00 pm	04.00 pm	<p>modeFRONTIER hands-on training - Advanced numerical and analytical concepts for insight generation through simulation data</p> <p><i>This training is going to cover a variety of advanced topics in theory and practice which enable users to generate more value and objective insights from their simulation data.</i></p> <p><i>Part of the training will concentrate on the implementation of Response Surface Modeling and Reduced Order Modeling techniques with a focus on training, validation, governance and deployment using ESTECO Technologies.</i></p> <p><i>The training will also dive into data analysis techniques like clustering, principal component analysis and multi criteria decision making.</i></p> <p>Daniel Schmidth (ESTECO) · Haysam Telib (Optimad)</p>	