

11:30	Registration	
<b>SESSION 1: Room A-201 Torres Quevedo (2nd floor)</b>		
12:00	Welcome (NAFEMS Iberia)	
12:05	Presentation by NAFEMS International	
12:15	Structural Topology Optimization as a Convolutional Neural Network. <i>Raul Llamas (Airbus)</i>	
12:40	Rapid Generative Design Exploration & Simulation Methods for Additively Manufactured Heat Exchangers. <i>Alejandro Lopez (nTopology Inc.)</i>	
13:05	How can classic engineering methods be combined with machine learning algorithms to reduce cabin noise? <i>Annika Schmidt (Technical University of Applied Sciences Wildau)</i>	
13:30	Questions & Answers (additional)	
13:40	SPONSOR presentation: Dassault Systèmes	
13:45	Snack lunch break (Exhibition area)	
<b>SESSION 2: Room A-201 Torres Quevedo (2nd floor)</b>		<b>SESSION 3: Room A-102 Emilio Herrera (1st floor)</b>
14:25	Analysis of Insertion and Extraction Processes. <i>Pablo González &amp; Javier Rodríguez (Principia)</i>	14:25 Thermodynamics-informed Neural Networks in Physical Simulation. <i>Alberto Badias (Universidad Politécnica de Madrid)</i>
14:50	A cost-effective Cold Roll-Forming FE model for industrial applications. <i>Timothy Senart (CRM Group)</i>	14:50 Development of a reduced FE model for failure prediction of recycled composite plies structures. <i>Miguel Herraiz (TecnoDigital School)</i>
15:15	Simulación CFD-DEM en el diseño de gasificadores de biomasa de lecho fluidizado. <i>Pedro Gómez Molina &amp; Álvaro José Martínez González (ICEMM)</i>	15:15 Intelligence Morphing: Using CAD morphing and machine learning to predict CAE results <i>Alberto Perez, Victor Jaouen &amp; Vidya Shankar (Simulexa)</i>
15:40	Body in White stiffness prediction and Optimization. <i>Dimitrios Drougkas (Beta CAE Systems SA) &amp; Fabiola Cavaliere (Centro Técnico de SEAT S.A.)</i>	15:40 Optimización multiobjetivo mediante algoritmos genéticos. <i>Nicolas Escribano, Gabriel Beltrán Lostal, José Manuel Bielsa Gimeno &amp; Begoña García Arregui (Instituto Tecnológico de Aragón (ITA))</i>
16:05	Questions & Answers (additional)	16:05 Questions & Answers (additional)
16:10	Coffee break (Exhibition area)	
<b>SESSION 4: Room A-201 Torres Quevedo (2nd floor)</b>		
16:40	SPONSOR presentation: Beta CAE	
16:45	A Framework for Analytical Decomposition of Subjective Attributes Within Vehicle Dynamics. <i>Dylan Watt (Jaguar Land Rover)</i>	
17:10	The Atmospheric Boundary Layer. Discussion and methodology proposal for proper development of numerical wind tunnels. <i>Francisco Hurtado (Cade Soluciones de Ingeniería S.L.)</i>	
17:35	Application of machine learning for reduce modelling in order to calibrate a 1D ventilation model of a complex road tunnel network. <i>Fabian de Kluijver &amp; Alberto Lopez de Arriba (JVVA)</i>	
18:00	Questions & Answers (additional)	
18:10	Concluding remarks (NAFEMS Iberia)	
18:15	Close	