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| 8:45 | Welcome by NAFEMS-Iberia | |
| 8:50 | Presentation by NAFEMS | |
| SESSION 1 | | |
| 9:00 | Reduced-Order Thermal Modeling of Traction Motors | Luca Boscaglia (Chalmers University of Technology), Fabio Bonsanto (ANSYS Inc.), Shafigh Nategh (ABB AB) and Aldo Boglietti (Politecnico di Torino) |
| 9:30 | Onboard thermal analysis of battery systems using a digital twin | Anna Szardenings (Volkswagen Group Components) and Heike Fassbender (Technical University of Brunswick) |
| 10:00 | Induction Hardening simulation of large-size pitch bearings | Maialen Areitioaurtena and Unai Segurajauregi (Ikerlan) |
| 10:30 | Sponsor presentation: ANSYS | |
| 10:40 | Break | |
| SESSION 2 | | |
| 11:00 | Bridging the Simulation and Experimental Realms with Effective Quadratures | Pranay Seshadri (Effective Quadratures) |
| 11:30 | A roadmap for the Digital Transformation of your Engineering Materials Data | Rob Davis and Charlie Bream (Ansys Granta) |
| 12:00 | How CAD/CAE Morphing and Concept Modelling is changing the development process of the OEMs | Victor Jaouen (CAEmesh) |
| 12:30 | Revisiting Huth equation orientated to high efficiency detail FEM building. | Miguel Tomas (Structural Analysis Independent Consultant / UPC) |
| 13:00 | Sponsor presentation: Dassault Principia | |
| 13:10 | Break | |
| SESSION 3 | | |
| 13:30 | Stochastic Finite Element Modelling to Understand the Fatigue Performance of Additively Manufactured Lattices | Valerio Carollo and Tyler London (TWI Ltd) |
| 14:00 | Multibody simulation as a new fatigue design tool for wear evaluation | Manuel Ordiz and Mario Cabello (Ikerlan) |
| 14:30 | Behavioural modelling approach for virtual fatigue testing | Javier Gómez-Escalonilla (AIRBUS Defense & Space) |
| 15:00 | Sponsor presentation: MeshWorks CAEmesh | |
| 15:10 | Break | |
| SESSION 4 | | |
| 15:30 | VMAP enabling interoperability in integrated CAE simulation workflows | Klaus Wolf (Fraunhofer SCAI), Priyanka Gulati (Fraunhofer SCAI) and Gino Duffett (NAFEMS GmbH) |
| 16:00 | CFD investigation of the sonic boom on a supersonic aircraft concept | D. Calvo-Mayo and A. Sattarov (Numiberica) |
| 16:30 | Closure by NAFEMS-Iberia | |