

## Francisco Chinesta, ENSAM ParisTech

<b>Talk title</b>	Hybrid-Twins: when data-driven mechanics joins advanced model order reduction to define real-time dynamic data-driven application systems
<b>Biography</b>	Francisco Chinesta is currently visiting Professor of computational physics at ENSAM ParisTech (Paris, France) and member of the High Performance Institute at Centrale Nantes. He was (2008-2012) AIRBUS Group chair professor and since 2013 he is ESI Group chair professor on advanced modeling and simulation of materials, structures, processes and systems. He is fellow of the "Institut Universitaire de France", Fellow of the Spanish Royal Academy of Engineering. He received many scientific awards in four different fields: bio-engineering, material forming processes, rheology and computational mechanics. He is author of 250 papers in peer-reviewed international journals. He is president of the French association of computational mechanics (CSMA) and director of the CNRS research group (GdR) on model order reduction techniques for engineering sciences. He is editor and associate editor of many journals.