



AEROSPACE ADDITIVE MANUFACTURING SUMMIT



Fernando Lasagni

CTO Materials & Processes



MSc. in Chemical Engineering at Comahue National University (Argentina) in 2003 and conducted a Ph.D. on composite materials and light alloys at the Vienna University of Technology in 2006 (laureate with honours). There, he was involved in several research programs in collaboration with industrial partners in the field of light metals and MMCs (like LKR, BMW, EADS). He was laureate in 2007 with the Fritz-Grasenick Prize of the Austrian Society of Electron Microscopy and with 2 cover pages of the prestigious Journal of Advanced Engineering Materials (2006 and 2008) for his contributions in the field of FIB tomography. He also acted as co-coordinator of the ADEMAT network (EU Alfa II). During 2008 he was involved in the development of porous materials for heat pipes at IberEspacio S.A. (Madrid, Spain). Currently he is Chief Technical Officer (CTO) Materials&Processes at CATEC as well as assistant Professor at the Seville University (till October 2014, honorary professor since then). His main activities are related with managing and coordination of aerospace research projects in the field of additive manufacturing, automation & robotics, advanced NDT methods & systems and structural testing, within the national and international community, in conjunction with customers like AIRBUS DEFENCE & SPACE (CBC, San Pablo Factory, Tablada Factory, Headquarters in Barajas in Spain, Space Systems in the Netherlands), AIRBUS, Ottobrunn, Germany, CITD, the European Space Agency (ESA), TECNATOM, CT-INGENIEROS, ALESTIS AEROSPACE, AERNNOVA, CESA, between many others. He has also a long trajectory in Structural Health Monitoring demonstrated along different projects and the coordination of 2 PhD theses. Mr. Lasagni has a scientific record of more than 200 contributions in peer-reviewed journals, conference proceedings and participations, 3 patents and 4 intellectual property registers. He acted as Spanish representative during AM harmonization meeting at the European Space Agency in 2014 and co-representative 2017. Lasagni coordinates the Additive manufacturing group of the Spanish Platform for Aerospace (PAE). He has been also awarded with the Georg Sachs prize of the German Society of Materials (DGM) for his contributions in the industrialization of Additive Manufacturing for aerospace (2018); and recently (2019) with the “Domingo Faustino Sarmiento Award” of the Argentinian senate for his contributions in applied research and engineering.