



# Strategic foresight workshop

## “Key Enabling Technologies and Innovation Trends for Bettering the Competitiveness in Aerospace Industry”

12-13<sup>th</sup> July 2023

Hybrid from Hotel Real Colegiata San Isidoro, León (Spain) – Location **TBC**

12 <sup>th</sup> July 2023	
18:30 – 19:00	<b>Registration, reception of participants and industries</b>
19:00 – 20:30	<b>Showroom – Industrial gallery</b>
20:30	<b>Networking cocktail*</b>

\*La Mary Restaurant. Square Don Gutierre. <https://goo.gl/maps/1xVSQGZcRukaApUH7>

13 <sup>th</sup> July 2023		
Session 1		
Link: <a href="https://us06web.zoom.us/j/83782281200">https://us06web.zoom.us/j/83782281200</a>		
10:30 – 11:15	<b>Registration, reception &amp; connection to the workshop. Welcome coffee.</b>	-
11:15 – 11:30	<b>Institutional opening</b>	Dr.; Dr. H.C. Santiago Cuesta López General Manager, ICAMCYL
11:30 – 12:00	<b>EU Innovation trends and funding programs in the aerospace industry</b>	Dr.; Dr. H.C. Santiago Cuesta López General Manager, ICAMCYL
12:00 – 12:20	<b>Dynamic beam shape laser welding of lightweight metals</b>	Dr. Aleksey Kovalevsky. Welding and Laser Team Leader, Technion R&D
12:20 – 12:40	<b>Additive manufacturing of lightweight SiC mirrors for space application</b>	Dr. Gary Muller. Ceramics Additive Manufacturing leader, Technion R&D
12:40 – 13:00	<b>Raman spectroscopy and optical characterization for advanced materials</b>	Prof. Pier Carlo Ricci. University of Cagliari
13:00 – 13:20	<b>Title pending of confirmation</b>	PhD. Radu Piticescu, National Institute for Nonferrous and Rare Metals
13:20 – 13:40	<b>Recovery methods/status technologies on CRMs from waste (aerospace/ space/ aeronautics)</b>	Prof. Francesca Beolchini. Polytechnic University of Marche
13:40 – 14:00	<b>I3 and Innovation Valleys funding strategy as drivers for upgrading UMA3 twinning</b>	Pierre Padilla – N-ABLE
14:00 – 15:30	<b>Networking lunch</b>	-
Session 2		
Link: <a href="https://us06web.zoom.us/j/83782281200">https://us06web.zoom.us/j/83782281200</a>		
15:30 – 16:00	<b>Role of Critical Raw Materials in new aerospace technologies</b>	Konstantinos Sakkas (MNLТ)
16:00 – 16:30	<b>Advanced materials innovation challenges in aeronautics</b>	Prof. Enrico Troiani, University of Bologna
16:30 – 17:00	<b>The Hungarian-German aerospace ecosystem – upgrading UMA3 twinning</b>	Dániel Pethő, University of Miskolc. Dipl.-Ing. Claus Aumund-Kopp, Fraunhofer-IFAM
16:00 – 16:30	<b>EU strategy for the creation of an innovation ecosystem/valley around UNIMI as twinning high level institution</b>	Dr.; Dr. H.C. Santiago Cuesta López General Manager, ICAMCYL
17:30-18:00	<b>Wrap-up and closure</b>	Dr.; Dr. H.C. Santiago Cuesta López General Manager, ICAMCYL
19:30	<b>Consortium dinner**</b>	-

\*\*Cenador Rua Nova. St. Renueva, 17. <https://goo.gl/maps/fK1h7BKswV3zv2Gb7>



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