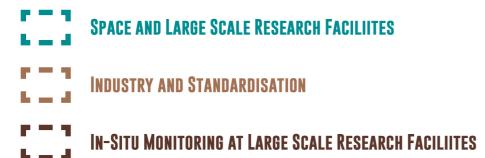
## WORKSHOP ON ADDITIVE MANUFACTURING WORKSHOP ON ADDITIVE MANUFACTURING WAS ADDITIVE WAS ADDITVE WAS ADDITIVE WAS ADDITIVE WAS ADDITIVE WAS ADDITIVE WAS ADDITVE WAS ADDITIVE WAS ADDITIVE WAS ADDITIVE WAS ADDITIVE WAS ADDITVE WAS ADDITIVE WAS ADDITVE WAS ADDITVE





## Tuesday 23 April

13:00	Arrival
13:30	Andreas Meyer - ILL Associate Director Welcome address
14:00	Fan Yang (DLR - Institut für Materialphysik im Weltraum) Characterization of gas-flow assisted additive manufacturing of metallic glass powders on ground and in microgravity
14:30	Andrew Norman (European Space Agency) Additive Manufacturing for Space Applications, an ESA Perspective.
15:00	Coffee Break
15:30	Sandra Cabeza (ILL) Unveiling Additive Manufacturing Signature on Structural components through Advanced Neutron Characterization
16:00	Alexander Rack & Yunhui Chen (ESRF) Insights into Laser Additive Manufacturing from correlative Synchrotron X-rays Imaging
16:30  17:30	Visit of ILL & ESRF installations
18:00 19:00	Poster session
19:30	Cheese & Wine

## Wednesday 24 April

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08:30	Arrival
09:00	Amaya Igartua (European Materials Platform   EUMAT) EU Materials initiatives and TEKNIKER activities in Additive Manufacturing
09:30	Elena Lopez (Fraunhofer IWS)  Productive and resource-efficient AM of big parts
10:00	Manuel Sánchez Poncela (ArcelorMittal - Global R&D)  Neutron residual stress characterization & simulation of 316L Laser-Powder Bed Fusion  simplified end-use part as-built and heat treated
10:30	Coffee Break
11:00	Paula Queipo Rodriguez (IDONIAL) Introduction to the Additive Manufacturing European Technology Platform
11:30	<b>Nikolaj Zangerberg (DTI, EASISTRESS)</b> Residual stress qualification of AM parts — Measurement, uncertainty and standardisation
12:00	Lunch
13:00	Lunch
13:30	John Carpenter (Los Alamos National Laboratory) In Situ Time and Location Resolved Measurements of Residual Stresses in Additively Manufactured Metals
14:00	Steve Gaudez (Ecole Polytechnique, Paris) Insights into microstructure evolution during AM by synchrotron and neutron techniques
14:30	Markus Strobl (Paul Scherrer Institute) In-situ and Operando Neutron Studies of Laser Powder Bed Fusion Metal AM
15:00	Coffee Break
15:30	<b>Joao P. Oliveira (NOVA University Lisbon)</b> Effect of heat treatments on 316 stainless steel parts fabricated by wire and arc AM
16:00	Federico Sket (IMDEA Materials Institute) Using X-ray imaging and diffraction to assist the development of novel Ti alloys tailored for AM
16:30	Current and Future Challenges
17:30	(Moderated Discussion)
18:00	
19:00	Cocktail & Gala Dinner at «Le Ciel»
19:30	& Food for Thought