



MAY 30TH 2025, H. 10:00
B111, POLO FERRARI 2 - VIA SOMMARIVE 9, TRENTO

Additive Manufacture offers cost/waste reduction and unique geometries for metals, but AM Ti64 still requires heat treatment due to its distinct, as-built microstructure from rapid cooling, which differs from conventionally wrought material. Research focuses on mapping its thermal transformations and simulating rapid heating during printing.

Speaker: Dr. Donald W. Brown
Los Alamos National Laboratory (LANL)
New Mexico, USA

In Situ X-ray Diffraction During Simulated Build Conditions And Post-Build Processing of PBF Ti6Al4V

DII SEMINAR

