

High Strength Electron Beam Brazing of Titanium Aluminides to Dissimilar Materials

**3rd International Conference on Electron Beam Welding
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Selective Laser in Vacuum Melting (SLaVaM)

EVOLVEAM®

- SLM in a vacuum furnace ($\leq 1.100^{\circ}\text{C}$) for γTiAl , refractory metals and Superalloys
- Dry vacuum system $\leq 1 \times 10^{-5}$ mbar
- No electrostatic powder charging effect
- Pre-sintering of powder unnecessary
- 200W Fiber Laser
- Scanner writing speed 7m/s
- Scanner protected against metal vapor and thermal radiation
- Anti spatter system
- Powder recovery system in vacuum
- 1kHz thermal camera for process control

Meet us at Formnext, 17.-20. November 2015
Frankfurt, Hall 3.1 Booth C65

