

The process atmosphere as a parameter in the Laser-Powder Bed Fusion process

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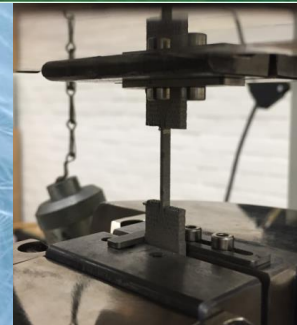
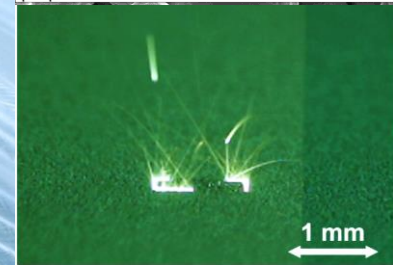
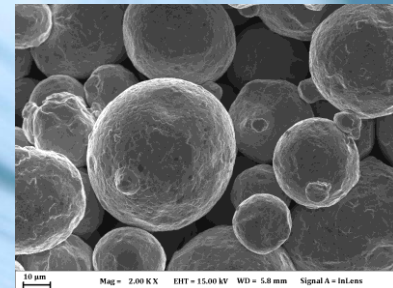
Duration: 4-5 years

Funding: Linde Gas & CAM2 Centre supported by Vinnova

Advisor: Prof. Hryha, Prof. Nyborg, M. Forêt

Research Scope:

- Effect of the gas on the melt pool stability and defect generation
- Effect of residual oxygen and nitrogen level on properties of 316L stainless steel
- Effect of argon-helium mixtures on properties of Ti-6Al-4V



LIGHTer