

Additive manufacturing of aluminum alloys by selective laser melting – Surface characteristics and optimized designs

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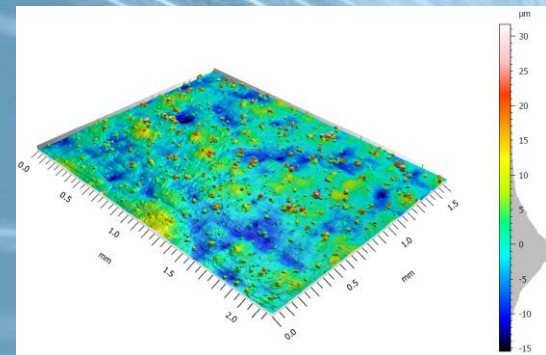
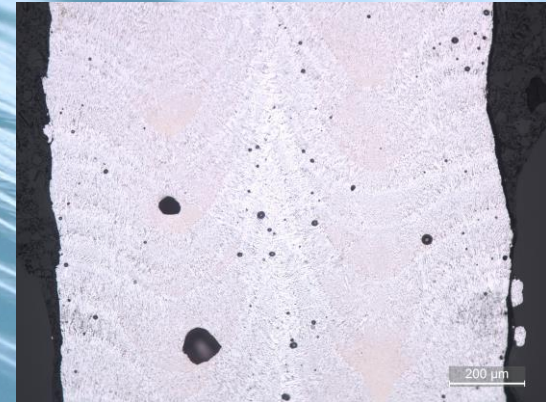
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Advisor: Yu Cao / Lars Nyborg

Research Scope:

- How part features such as wall thickness, that is important for lightweight design, can be controlled in order to ensure a reliable laser powder bed fusion production
- Detailed control of surface characteristics by process optimization



LIGHTer