



CHAIR OF THERMODYNAMICS AND COMBUSTION

Influence of Surface Roughness on secondary Cooling in continuous Casting of non-ferrous Metals

> Abschlussbericht: "Einfluss der Oberflächenrauigkeit auf die Sekundärkühlung beim Stranggießen von Nichteisen-Metallen" - AiF-Vorhaben-Nr. 18611 BR (https://www.ltv.ovgu.de/ltv_media/Downloads/Forschung/2019_01_10_IGF+18611_Schlussbericht-p-1254.pdf)

Research Focuses

- ▶ Dynamic Simulation of Heat Treatment Processes
- ▶ Intensive Cooling of Metals with Hardness and continuous casting Processes
- ▶ Cumulative Energy and CO₂ Balances
- ▶ Heat Transfer Processes
- ▶ Influence of Surface Roughness on secondary Cooling in continuous Casting of non-ferrous Metals
- ▶ Analysis and Modeling of Heat Transfer in Rotary Pipes with Lifting Blades