

Seminarium Studium Doktoranckiego NCBJ
Poniedziałek, 5 marca, godzina 9:00
Sala 22 w NCBJ, Hoża 69

Speaker: Piotr Warzybok

(Studium Doktoranckie NCBJ)

Title: Modelling of Processes Governing Selective Laser Melting

Abstract: The processing parameters of Selective Laser Melting (SLM) technique have a significant impact on the functional properties of the materials. It is known that time efficient fabrication of high-quality parts with desired microstructures requires understanding of their interactions in more detail than by calculating energy density. During the talk I will introduce mechanical and structural properties of standard 316L stainless steel fabricated using SLM technique. The basics of the modelling of physical phenomena governing SLM will be discussed.