

KIM VANMEENSEL (°1979) is an associate professor (tenured in 2020) at the department of Materials Engineering, Faculty of Engineering Science at KU Leuven since 2015. He obtained his PhD from the same department in May 2007 and was affiliated to KU Leuven as an FWO post-doctoral researcher from 2007-2014. He is responsible for the X-ray platform for diffraction, stress and texture analysis. He is the group leader of a research group working on rapid solidification processes and metal powder metallurgy. He is coordinating and working on multiple research and industrial projects focusing on metal alloy design, gas atomization, electron-back scattered diffraction characterization of rapidly solidified metals, heat treatment monitoring and design and in-situ micromechanical testing of rapidly solidified metals and macroscopic quasi-static and dynamic mechanical testing. Currently he is (co)promotor of 7 PhD students working in the field of metal additive manufacturing and metal powder metallurgy. Four PhD candidates have already successfully defended their PhDs (2019, 2020, 2021, 2023). Prof. Vanmeensel is a member of the KU Leuven AM Institute and of the European Powder Metallurgy Association (EPMA).

Scientific output: Kim Vanmeensel has made research efforts in powder metallurgy, rapid solidification, laser powder bed fusion additive manufacturing and field assisted sintering. K. Vanmeensel published 132 peer-reviewed papers in international journals resulting in a h-index of 40 (Web of Science) or 48 (Google Scholar). The papers received more than 4500 citations of which 4000 without self-citations. Kim wrote 3 book chapters on electrophoretic deposition, field assisted sintering and laser powder bed fusion for biomedical applications. He was invited speaker in more than 10 conferences and is co-inventor of 2 patents.