



Dr.-Ing. Kai Hilgenberg

Dr.-Ing. Kai Hilgenberg received his Ph.D. in mechanical engineering from the University of Kassel for his work on a new laser-based surface treatment technology for metal forming tools. In 2015, he was appointed as Junior Professor at the Technical University of Berlin in cooperation with BAM Bundesanstalt für Materialforschung und -prüfung. Since 2021, he has been working as head of the division “Additive Manufacturing of Metallic Components” at BAM and is speaker of BAM’s Competence Center for Additive Manufacturing. His research deals with metal-process interactions and quality assurance for additive manufacturing with focus on the laser powder bed fusion process.