



SHORT BIO

Jan Schroers is the Robert Higgin Professor in the Department of Mechanical Engineering and the Department of Materials Science at Yale University. He received his Ph.D. in Physics from the RWTH Aachen. He spent three years at Caltech as a post-doc before joining Liquidmetal Technologies for three years as a Director of Research where he developed processing methods for bulk metallic glasses. He is the founder of Supercool Metals and helped develop additive manufacturing methods for metals at Desktop Metals. His research focuses on structure-property-processing relationships in metals. For this he uses novel processing methods, combinatorial material science, machine learning, artificial microstructures, and nanomolding methods and has focused on various material classes such as metallic glasses, foams and composites, high-entropy alloys, and nanocrystalline alloys. His research has resulted in over 253 journal publications and 17 patents and patent applications.