

D'Elia Francesco, short CV

Francesco D'Elia is Associate Professor (Docent) at Uppsala University in Sweden in the Department of Materials Science and Engineering. He has nearly 20 years' experience in processing of magnesium alloys, including five years in a medical device company where he commercialized Mg alloys for biodegradable implants. His current research focuses on powder bed fusion – laser beam processing of biodegradable alloys, including those of Mg and Zn, with a primary focus on establishing process-microstructure-property relationships. He has authored over 30 peer-reviewed publications and has led and participated in European research projects. He currently leads a work package on 'Biomaterial and Process Development' in a large Swedish competence center on additive manufacturing for life sciences (AM4Life) comprising over 30 partners from academia, industry and hospitals in Sweden and across Europe.