

**BIOGRAPHY:**

**Maria LISSNER, PhD**



Dr. Maria Lißner is a Senior Researcher specialising in impact engineering mechanics at the University of Oxford's Impact and Shock Mechanics Laboratory (ISML). Her research primarily focuses on studying the impact mechanics of heterogeneous materials, including carbon fibre reinforced polymers, 3D-printed polymers, and adhesive joints. She is particularly interested in investigating the rate-dependent mechanical behaviour of interfaces and materials across various length scales using a combination of experimental and numerical methods. Her work explores the effects of loading rates on fracture mechanisms, energy dissipation, and structural integrity, contributing to advancements in high-performance structural design and analysis.