

Fiber Reinforced Polymer Composites are used for high-performance parts in many lightweight applications. At the Department for Polymer Engineering and Science, new and highly automated methods for **processing of composites** are developed and their **mechanical response** is investigated using advanced test methods and finite element modeling to better understand the interrelations between material physics, micro-structure, and component failure.



Ewald Fauster

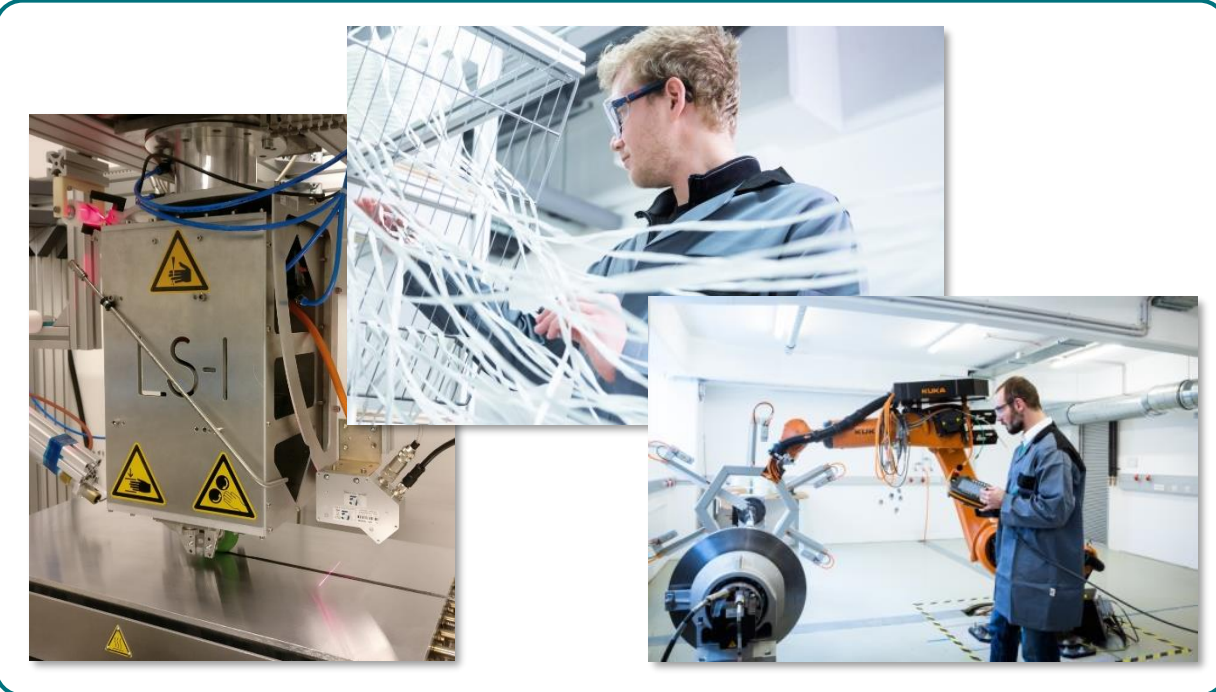


Gerald Pinter



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Processing of Composites



Mechanical Response: Testing and FEM Simulation

