

Christian Partik - Doctoral Researcher



Christian is a PhD researcher at the Department of Mechanical Engineering and a member of the Circular Metals project team. He has a background in mechanical engineering and a research interest in self-repairing structures that will transform the way materials are used. His research focuses on the implementation of smart features (sensing, actuation, communication) into linkage fabric structures (fabrics consisting of single links that are connected). These fabrics could then self-redistribute forces and loads in their fabric when links are damaged or lost, making them self-repairable. He has a passion for making repair fairer and easier and is interested in revolutionising how we see and use materials in our daily lives.