Dr. Marcel Otto is postdoctoral research associate at the University of Central Florida where he focusses mainly on research related to emerging gas turbine and power generation technologies such as additive manufacturing and the effect on heat transfer, hydrogen storage, and ultra-high temperature composite materials.

Besides that, he is closely involved entrepreneurial efforts related to advanced high temperature materials for gas turbine hot gas path components and served two years as a president for the student organization STREET which aims to promote responsible energy engineering and training for students in the field of energy and turbomachinery through industry engagement and mentoring.

Prior to his postdoctoral engagement, Marcel worked several years for Siemens Energy in Berlin and Shanghai.

Marcel is a current ASME ECLIPSE Intern and has been an active ASME member since 2014 and supports the organization as peer reviewer and steady publisher at ASME conferences and in ASME Journals.

Marcel graduated from Technical University of Berlin with a Bachelor and Master of Science in Mechanical Engineering and holds a Master of Science and Ph.D. in Mechanical Engineering from the University of Central Florida.