

CV

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Jonas A. Braun received a master's degree in mechanical engineering from Offenburg University of Applied Sciences. From September 2019 until March 2020 he worked as an academic employee at the Institute of Energy Systems Technology (INES). Since April 2020 he has worked as a PhD student at the same institute.

The central research theme is the simulation of electrochemical energy storage. We develop and apply multi-scale and multi-physics mathematical models in order to understand and improve batteries and fuel cells. The goal is the knowledge-based development of electrical energy storage with improved performance, durability, energy density, and safety.