

Curriculum Vitae

Michael Moritz, M.Sc.
Senior Research Associate

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Work experience

Since 2022

Senior Research Associate and doctoral candidate at the Institute of Energy Economics at the University of Cologne (EWI)

Since 2020

Research Associate and doctoral candidate at the Institute of Energy Economics at the University of Cologne (EWI)

2017-2020

Administrative employee in the field of heating and building services, Moritz & Bramer GmbH, Cologne

2016

Student Assistant in teaching at the chair of fluid process engineering, RWTH Aachen University

Education

2017-2020

Master programme: Environmental Process Engineering at RWTH Aachen University

Degree: Master of Science

Thesis: Optimal design of a Power-to-Gas plant concerning economics and environmental impacts

2018-2019

Study abroad at the Chalmers University of Technology in Gothenburg, Sweden

2013-2016

Bachelor programme: Environmental Engineering at RWTH Aachen University

Degree: Bachelor of Science

Thesis: Construction of a heatable testbench for contact polarization of fabrics of PVDF-bicomponent fibres

Internships

Robert Bosch GmbH / Department for development of piezo actuators, Bamberg, 2016-2017

Research Interests

Modelling of energy systems, especially for decarbonisation of industrial processes.

Modelling of Markets, especially global gas markets and markets for green hydrogen and hydrogen-based green energy commodities.

Production and supply costs hydrogen-based green energy commodities.

Structural change in the gas industry, especially hydrogen infrastructure.