

# CURRICULUM VITAE

by

**Valerie Rodin MSc.**



## PERSONAL INFORMATION

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## EDUCATION

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Since 11/2020	External PhD student at the Institute for Chemical Technology of Organic Materials (CTO) at JKU Linz
10/2015-11/2017	Master course on Eco-Energy Engineering at the University of Applied Sciences Upper Austria, Campus Wels Degree: Master of Science in Engineering (passed with distinction)
10/2012-10/2015	Bachelor course on Eco-Energy Engineering at the University of Applied Sciences Upper Austria, Campus Wels Degree: Bachelor of Science in Engineering
10/2004-07/2012	A.B. von Stetten Institut Augsburg, grammar school Field of study: Scientific-Technological

## PROFESSIONAL ACTIVITIES

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Since 03/2018	Research Associate Department of Energy Technology at the Energieinstitut an der Johannes Kepler Universität Linz, Austria
03/2017-08/2017	Master student at the Research School of Engineering, Australian National University, Canberra, Australia

03/2015-05/2015	Bachelor student at the Fraunhofer Institute for Solar Energy Systems (ISE) in Freiburg/Breisgau, Germany
07/2014-09/2014	Internship as a working student at Integriertes Planen, Ingenieurbüro Hamp in Munich, Germany

## ADDITIONAL QUALIFICATIONS

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- Energy cooperation of industrial enterprises & industrial symbiosis
- Techno-economic analysis and potential analysis of renewable resources
- Extensive knowledge in photovoltaics
  
- QGIS - Potential analyses and scenario generation
- GaBi - Life cycle analyses (LCA)
- Citavi - literature databases
- MS Office
- in the course of studies/internships/theses good experience with
  - Matlab, Mathematica, ANSYS Fluent, div. CAD software
  - div. software tools for simulation of renewable energy systems
  - div. energy certificate tools

## PUBLICATIONS

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Rodin, V.; Moser, S. (2021) The perfect match? 100 reasons why energy cooperation is not realized in industrial parks. Energy Research & Social Science. In publication

Linhart, M.; Rodin, V.; Moser, S.; Kollmann, A. (2021) Citizen Participation to Finance PV Power Plants Focused on Self-Consumption on Company Roofs - Findings from an Austrian Case Study. Energies 2021, 14(3), 738

Rodin V.; Lindorfer, J.; Böhm, H.; Vieira, L. (2020) Assessing the potential of carbon dioxide valorisation in Europe with focus on biogenic CO<sub>2</sub>. Journal of CO<sub>2</sub> Utilization 2020, 41, 101219

Moser, S.; Puschnigg, S.; Rodin, V. (2020) Designing the Heat Merit Order to determine the value of industrial waste heat for district heating systems. Energy 2020, 200, 117579

Rodin, V. (2017) Characterisation and Modelling of Photoluminescence Spectra of Various Silicon Solar Cells at Different Operating Conditions, master thesis

Rodin, V. (2012) Photolumineszenzmessungen zur Absorptionsbestimmung in Siliziumwafern, bachelor thesis