

Dr. Isabel Hanghofer

Development Engineer Battery

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Professional Education

- 2019: PhD in Technical Chemistry
 - University of Technology Graz/Institute for Chemical Technology of Inorganic Materials (focus: all-solid-state batteries)
- 2016: Diploma in Technical Chemistry
 - University of Technology Graz

Industry Experience

- 2019 – present: AVL List GmbH (Graz)
 - Development Engineer Battery
- 2016 – 2019: University of Technology (Graz)
 - Project Assistant (ICTM)
- 2015: Voestalpine Stahl GmbH
 - Internship with focus on quality assurance of steel samples and organic coating
- 2015: TKV Regau
 - Internship with focus on quality control

Projects / Skills

- Planning and execution of tests and test procedures for Li-ion battery cells in R&D and customer projects (Cell responsibility)
- Cell scouting / cell selection for customer projects
- Knowledge on different cell chemistries; well established materials (e.g. graphite, NMC, LTO, LFP) as well new cell technologies
- Experience in electrochemical processes of Li-ion battery cells and cell teardown
- Knowledge on electrochemical characterization techniques (e.g. galvanostatic cycling, cyclic voltammetry, electrochemical impedance spectroscopy,...)

- Characterization and preparation of solid electrolytes for all-solid-state batteries (focus on impedance spectroscopy and X-ray powder diffraction)