

Academic Curriculum Vitae

Personal Profile

name	Richard Kramer
birthday	13.05.1997 in Freiberg
nationality	German
e-mail	richard.kramer@univie.ac.at

Education

since 04/2021	PhD Student, University of Vienna
10/2018 - 12/2020	M. Sc. Geophysics, Technical University of Mining and Technology Freiberg Focus: seismic theory, advanced seismic data processing, seismology
10/2015 - 09/2018	B. Sc. Geophysics and Geoinformatics, Technical University of Mining and Technology Freiberg

Research Experience

04/2020 - today	Young Professional - SmartExploration Project Implementing a workflow for Full Waveform Sonic Logs in order to derive a high-resolution internal image of the ore body in Ludvika.
04/2019 - 03/2021	Research assistant at the Institute of Geophysics (Technical University of Mining and Technology Freiberg) Implementing a method for Vibroseis deconvolution and initiation of the joint interpretation of different seismic data sets using GoCad.
04/2018 - 03/2019	Student assistant at the Institute of Geophysics (Technical University of Mining and Technology Freiberg) Support researcher with data processing within different projects (GeoSax and SHGM).

Working Experience

since 04/2021	Predocctoral Fellow, University of Vienna
10/2018 - 11/2019	University of Uppsalla and Technical University of Mining and Technology Freiberg Working on an extensive seismic survey in Zinkgruvan (Sweden) including organization, preparation and execution.
08/2017 - 10/2017	GMB GmbH, Schwarze Pumpe: Internship in the geophysics department

Teaching Experience

2019 - 2021	Instructor at the Institute of Geophysics (Technical University of Mining and Technology Freiberg)
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Publications and Presentations

Hloušek, F., Malinowski, M., Bräunig, L., Kramer, R., Buske, S., Malehmir, A., Sito, L., Bäckström, E., Schön, M. and Marsden, P., 3D prestack depth imaging of the iron-oxide deposit in the Ludvika mining area (Central Sweden). Near Surface Geoscience, 3rd Conference on Geophysics for Mineral Exploration and Mining, Belgrade. (Extended Abstract), 2020.

Kramer, R., Bräunig, L. and Buske, S., Full waveform sonic log imaging and its application to a dataset from the Ludvika/Blötberget mining area (Sweden). Jahrestagung der Deutschen Geophysikalischen Gesellschaft e.V., Kiel. Abstract and e-Poster, 2021.

Relevant Skills and other Information

Languages

German (native speaker)
English (fluent in writing and speaking - C1 / UnicertIII)
French (basic skills)

IT-Skills

Programming with Matlab and Fortran
Basic knowledge of the programming language C
Data processing with SeismicUnix and Promax
Geomodeling with Skua GoCAD
Basic knowledge of ArcGIS and QGIS
Latex and MS Office