



master thesis (30 ECTS)

MT\_83

<b>Working Title</b>	Stability analysis / Back analysis of difficult NATM excavation conditions
<b>Project objectives</b>	During a cavern excavation, difficult driving conditions arose due to the encountered rock mass conditions. The master's student can numerically reproduce these rock mass conditions and analyse the observed failure mechanisms.
<b>Student has enthusiasm for</b>	Practice-oriented work, tunnelling
<b>Requirements on student</b>	Civil engineering student; attention to detail
<b>Start (earliest / latest)</b>	December 2022 / June 2023
<b>Project term (min. / max.)</b>	6 / 9 months
<b>Coop. with external institution</b>	BeMo GmbH, industrial
<b>Possibility of remuneration</b>	yes
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