



Master project (5 ECTS)

MP_42

Working title	Production of artificial soft rock samples based on cementitious materials: Is it possible to mimic the response of natural samples?
Project objectives	Identification of different materials used in literature for the production of artificial rock samples. Which ranges of the mechanical parameters can be realized using different mixing materials and mixing proportions? To which extent do the properties of the artificial samples deviate from natural specimens.
Student has enthusiasm for	laboratory testing, rock mechanics
Requirements on student	attention to detail
Start (earliest / latest)	Immediately
Project term (min. / max.)	2 / 4 weeks full-time
Coop. with external institution	no
Possibility of remuneration	no
Contact person	Manuel Winkler (winkler@tugraz.at, +43 316 873 8118)

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