Lars Yström

"MulT_predict

An optimised multicomponent geothermometer"

- Karlsruhe Institute of Technology (KIT)
- Developer & programmer of MulT_predict
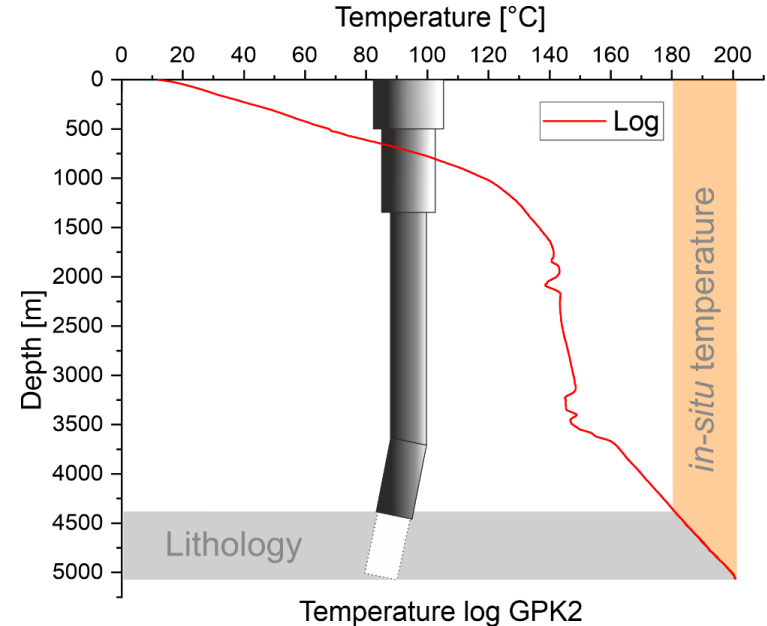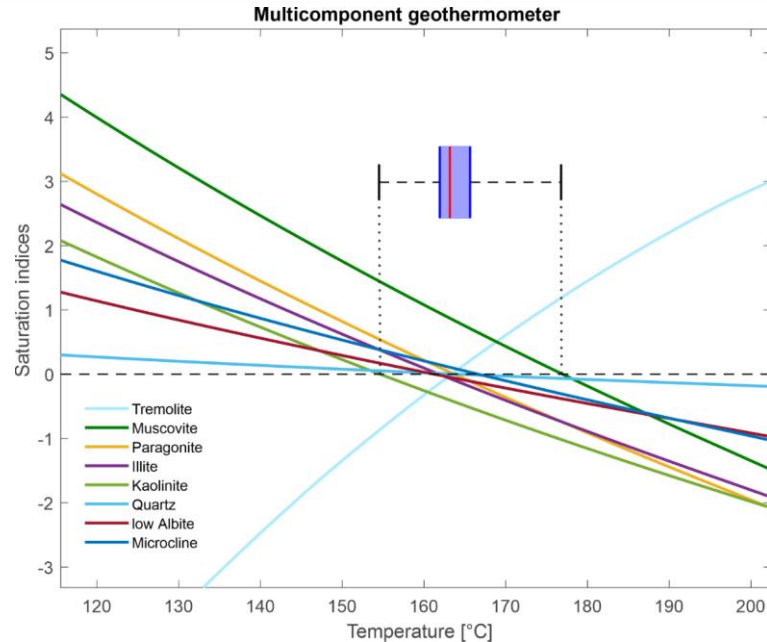- Geochemist in Geothermal Energy Group
- PhD student since 2019

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MulT_predict

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Karlsruhe Institute of Technology

Temperature estimation

Multicomponent geothermometer

Tremolite
Muscovite
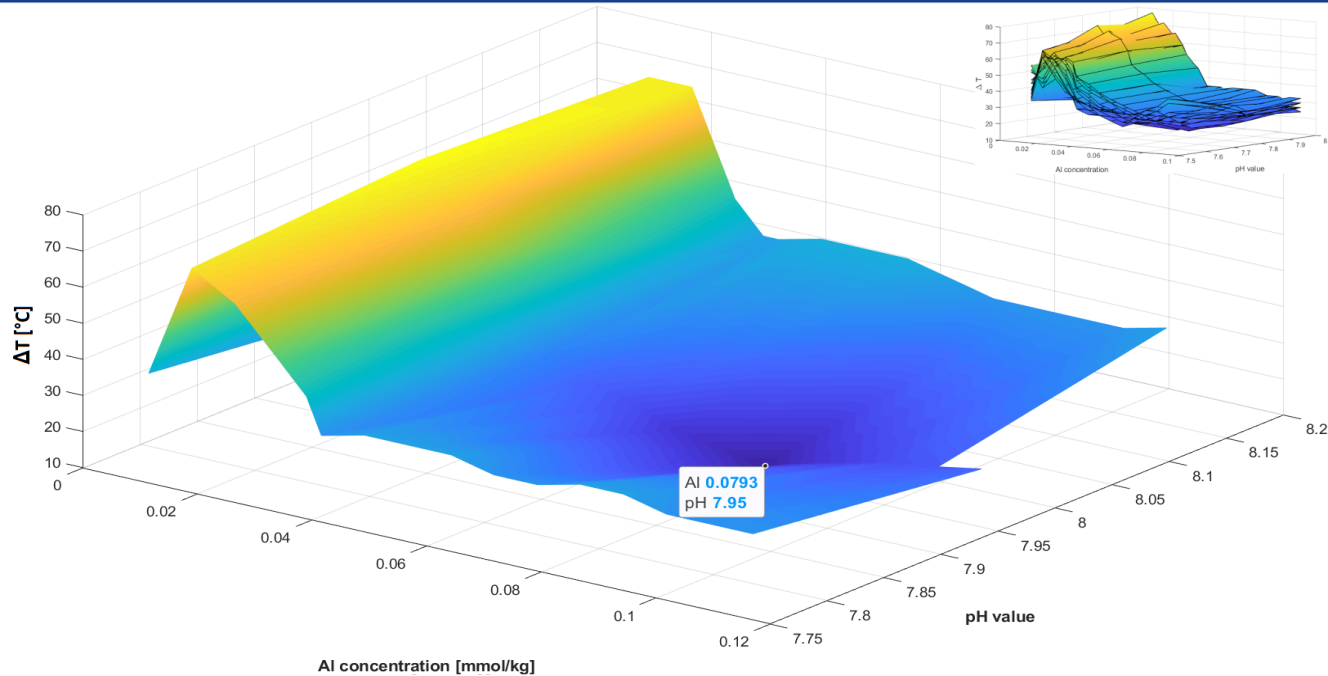Paragonite
Illite
Kaolinite
Quartz
low Albite
Microcline

Temperature log GPK2

- Using chemical fluid analysis and reservoir mineralogy to estimate reservoir temperature

Opitimisation process

- Simultaneous optimisation of arbitrary sensitive parameters to find global minimum

Results