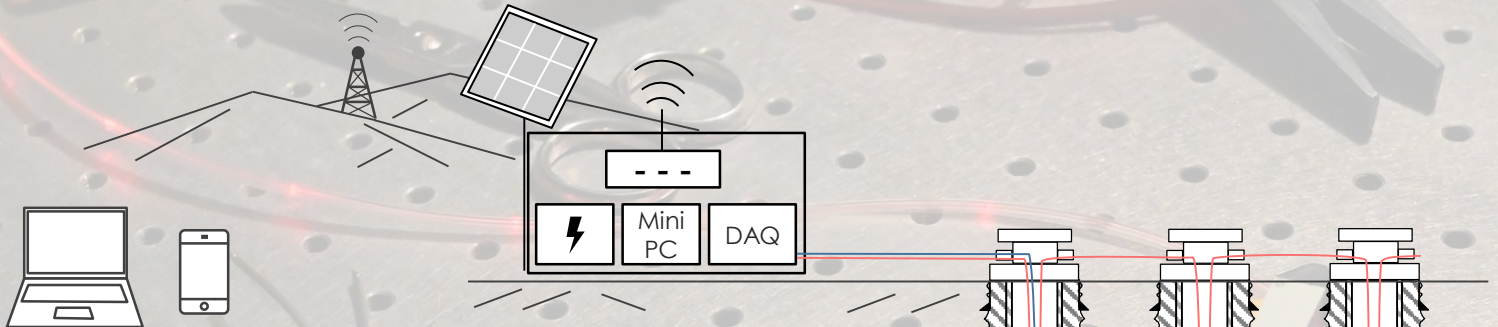
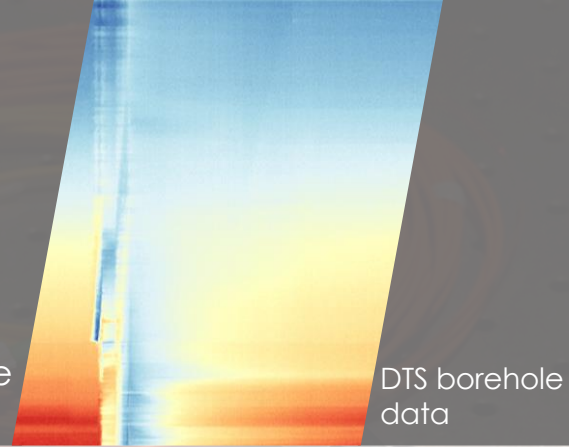


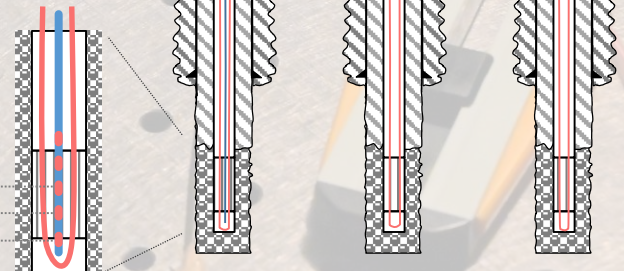
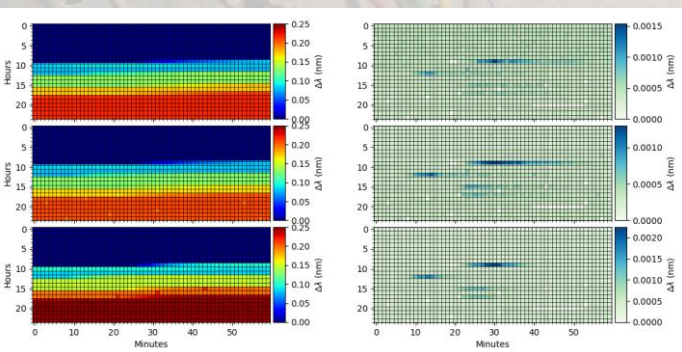
## Monitoring station for distributed temperature and acoustic sensing

### Highlights

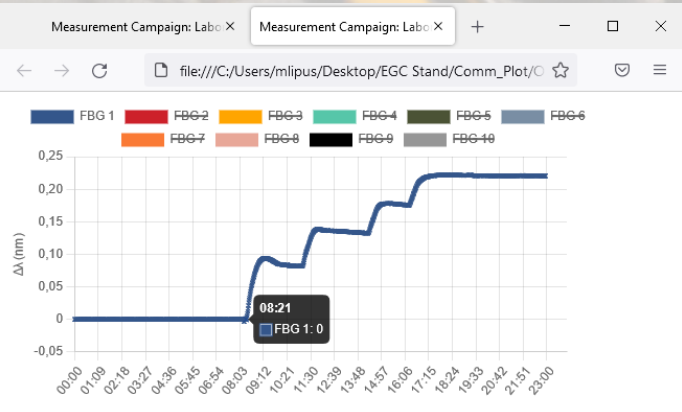
- Self-sufficient monitoring station for fiber-optic sensing (peak power consumption < 30 W)
- Distributed temperature sensing over ca. 1.5 km
- Fiber-optic based point sensors for deformation and acoustic monitoring
- Real-time data display & analysis with any end device



Live-data display (Preview)



**We at FOMON.** Our mission is to plan, execute and analyze fiber-optic monitoring campaigns in challenging scientific and industrial applications. We are experts in designing and implementing monitoring solutions for borehole applications. Our unique patented distributed shear stress sensor allows to derive fluid rheological properties (density and viscosity) with high accuracy - in real time. After having successfully conducted numerous borehole installations in past and ongoing research projects at the German Research Centre for Geosciences (GFZ Potsdam), we now offer our expertise under the name of FOMON.



**Get in touch with us**

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