



I.FAST WP9 kickoff meeting

Oliver Kugeler

Experimental capabilities

- SUPRALAB

- samples RF testing:
quadrupole resonator
- cavity testing:
cryostats 80 W @ 1.8K
horizontal testing HoBiCaT
- RF, PLL, DAQ
- HPR
- Class 5 clean room

- Materials lab

- Confocal laser scanning microscope
- Sample cutting
- Sample polishing
- Heat treatments up to 1200°C
in clean vacuum furnace
- HF (access to chemistry facility)
- additional diagnostics available

Personnel

- Sebastian Keckert (SRF testing, QPR development)
- Dmitry Tikhonov (SRF testing, finishing his PhD)
- Alena Prudnikava (Materials scientist)
- Yegor Tamashevich (Involvement into experiments)
- Felix Kramer (PhD candidate, involvement into experiments)
- Sascha Klauke (Engineer, experimental environment)
- HZB cryogenics group
- other infrastructure (RF, water, power, PSI, radiation safety, clean room, chemistry, EPICS)