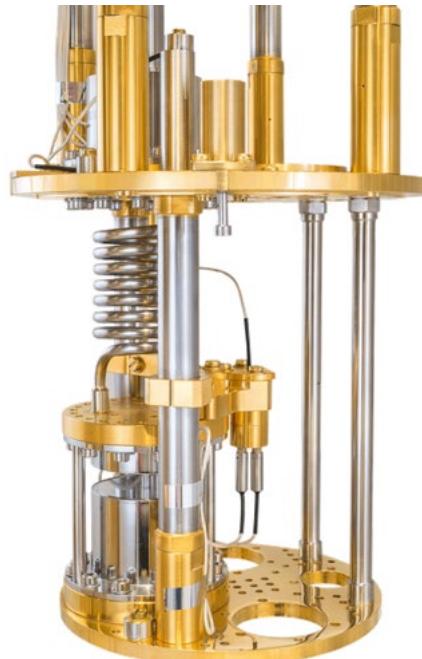


FLASH @PISA



- Bluefors SD

- Base temperature: <25 mK
- 250 uW cooling power @100 mK
- <12 hours to base temperature
- 148mm diameter @MXC
- No magnetic field
- Housed in EMI chamber
- RF lines (@18 GHz): 4



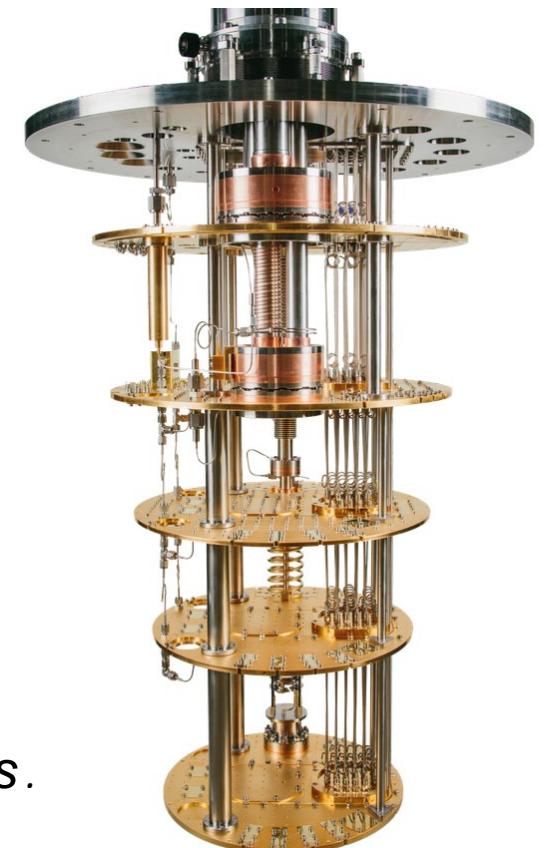
- Oxford ProteoxMX

- Base temperature: <10 mK
- 450 uW cooling power @100 mK
- <12 hours to base temperature
- 360mm diameter @MXC
- Possibility to exchange the inserts (modular design)
- Vectorial Magnet 6-1-1 Tesla
- RF lines (@18 GHz): 8

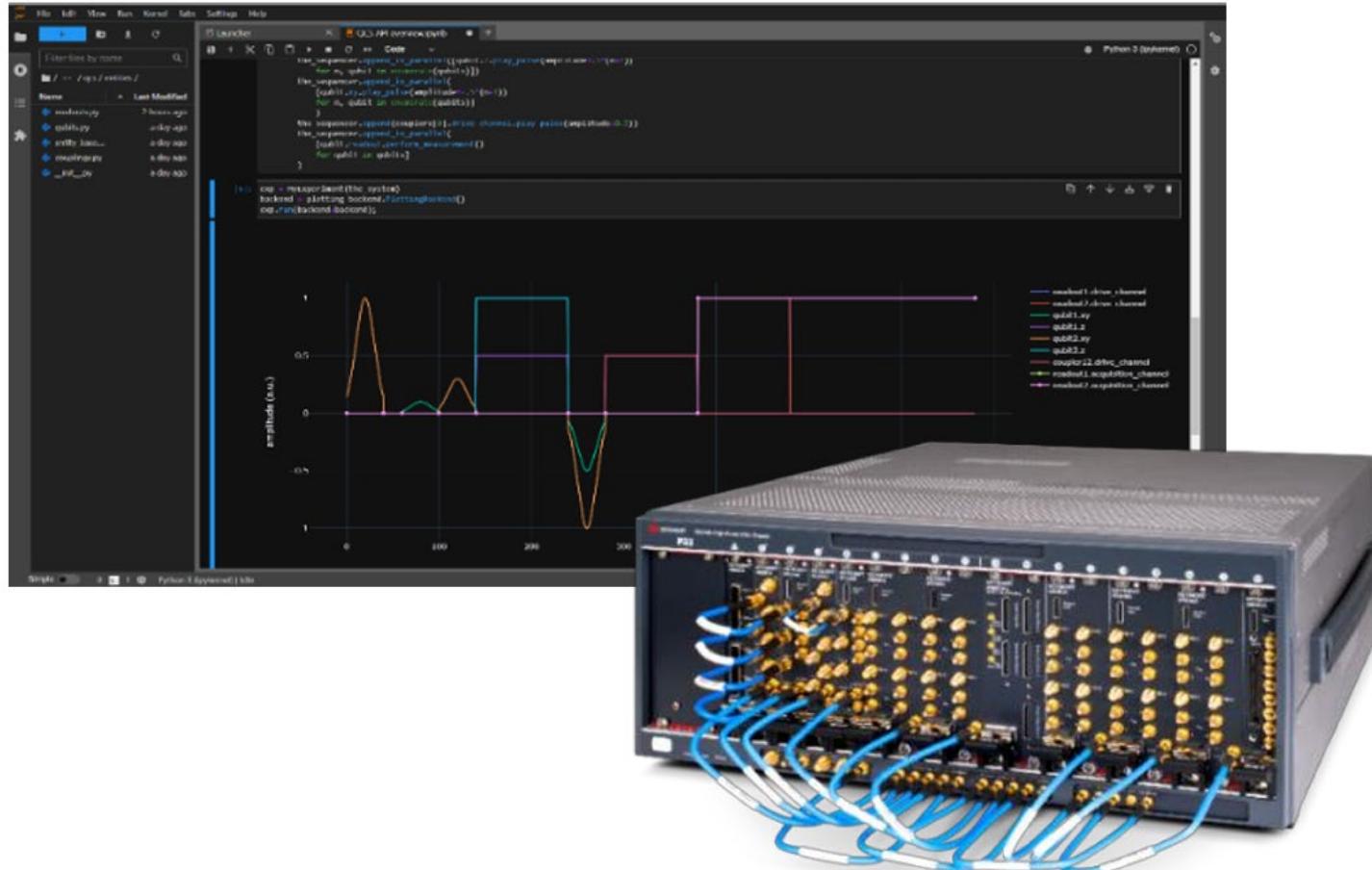
Others:

- Chase : 300 mK, plate 150mm, no RF lines
- GM @ 2.7K : 800 mW @4K, no plate, relatively large volume, no RF lines

We will not have exclusive use of all cryostats.



Squid Test



- Keysight QCS
- Signals from DC to 16 GHz
- Tone multiplexing (up to 6 in 2 GHz bandwidth)
- -130 dBc/Hz phase noise
- ADC 12 bit (2 GHz after DW conversion)
- Offline (online?) FFT
- Cryostats equipped with RF lines and attenuators
- Test of multiplexing readout at room temperature
- Other possibilities: RFSOC (4x2 or zcu206), caen DT5730s (?)