

NuSTAR 1 (and 2)



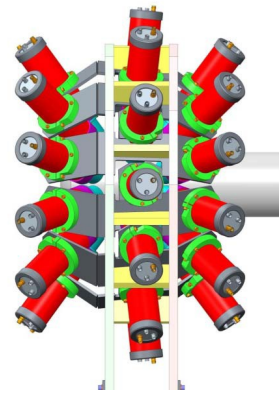
FAIR is happening

Lots of UK involvement / leadership in upcoming 2020 FAIR phase-0 expts:

DESPEC:

UK AIDA array + LaBr₃ FAST-TIMING ARRAY

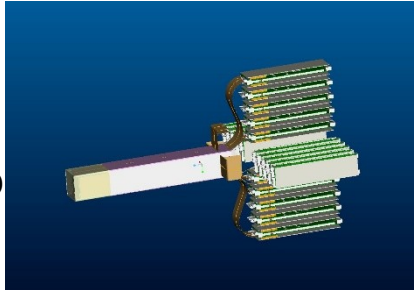
- S480 (124Xe beam) Regan **⁹⁴Pd T=0,1 pairing** 9-15 March
- S452 (Pb beam) Regan/Jolie/Pietralla **^{190,2}W, shapes** 7-14 April
- S460 (U beam) Benzoni/Valiente-Dobon **A~225 octupoles** 1-7 Ma



S-FRS/DESPEC:

UK AIDA array

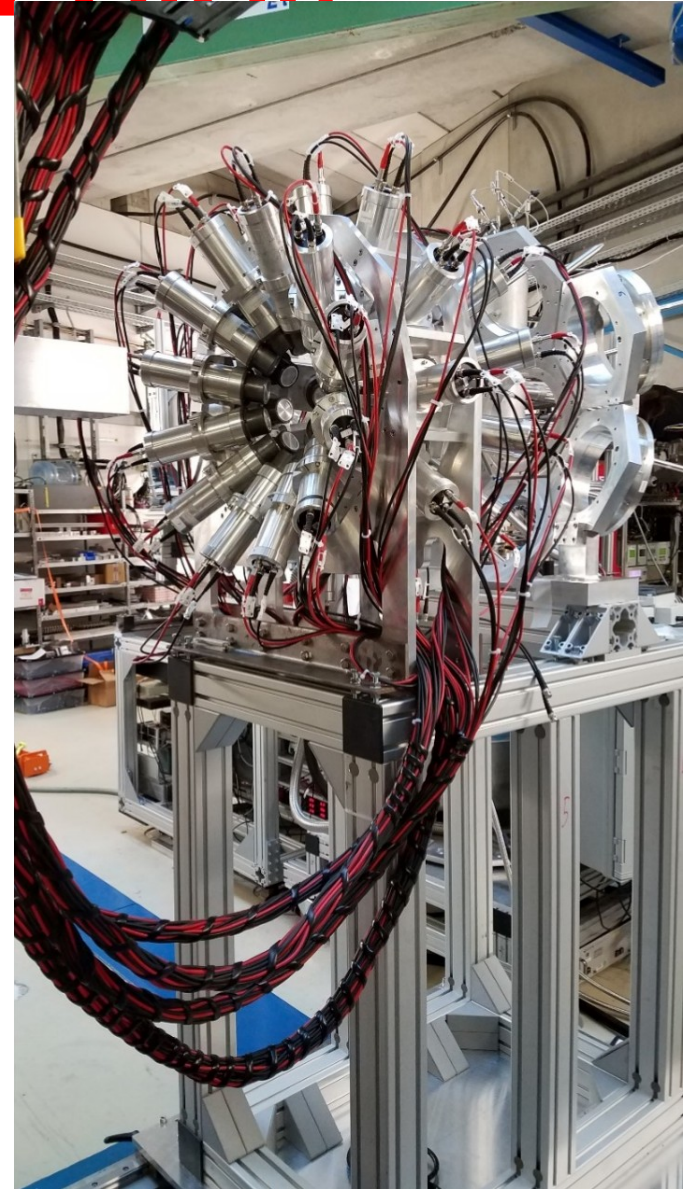
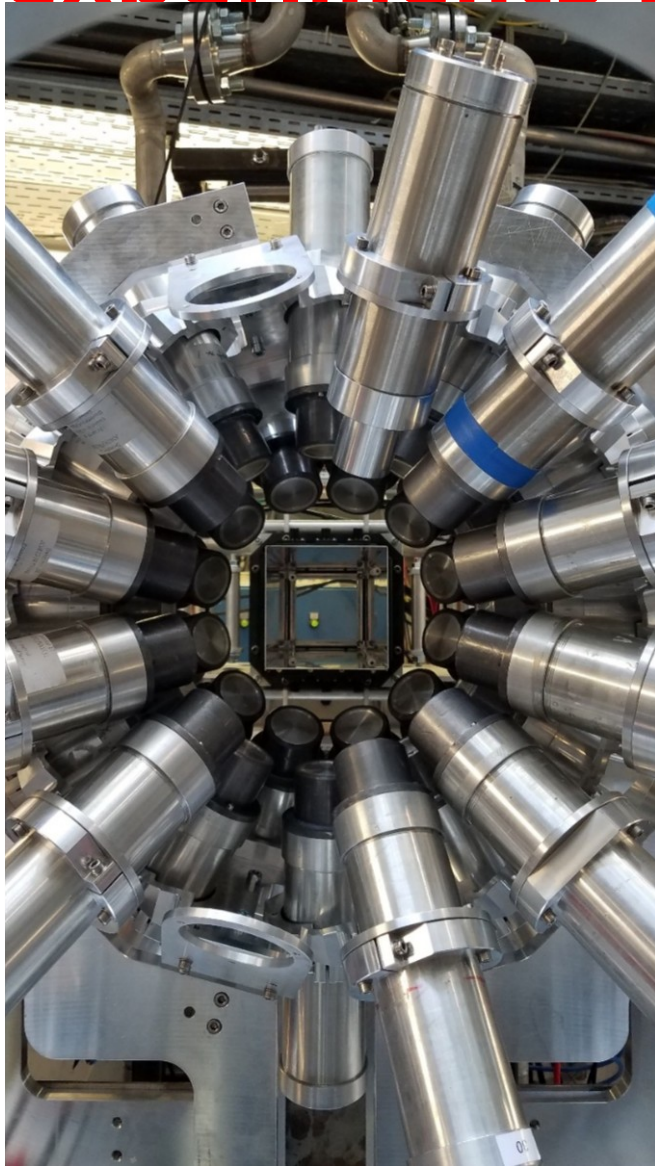
- S468 (Pb beam) Pietri/Bruce/Grahn/Plass **new isotopes** 1-5 Ap



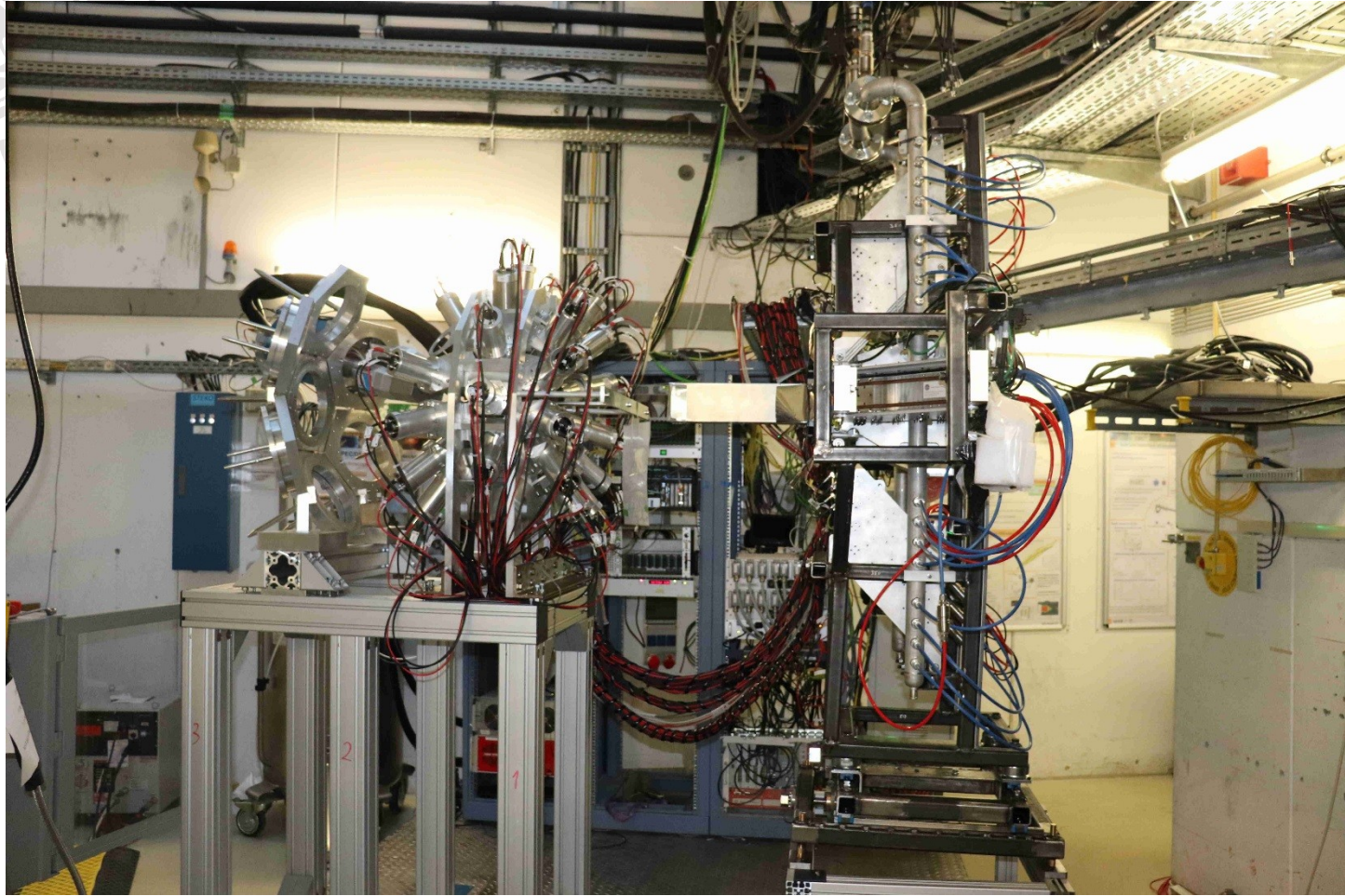
R3B:

- S467 (86Kr beam) Paschalis **Z=20 shell evolution** 21-25 Feb

FATIMA-DESPEC / NANA+ array at GSI/FAIR - Germany (ready for experiments in Mar 2020)



S4: AIDA + FATIMA



**DSSSD snout
now has
beta plastics
installed.**



Planning for next campaigns:

HISPEC/DESPEC:

2021 runs will be

UK AIDA array + DEGAS HPGe detectors (decay spectroscopy)

discussions re another configuration using DTAS, BELEN, MONSTER

Workshop in GSI 27-29 January 2020

Other collaborations?