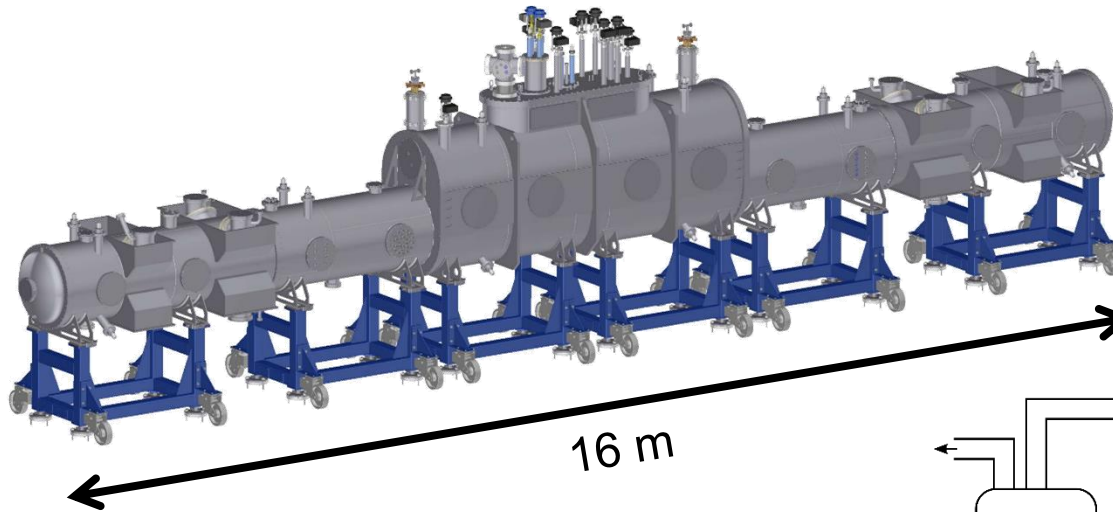


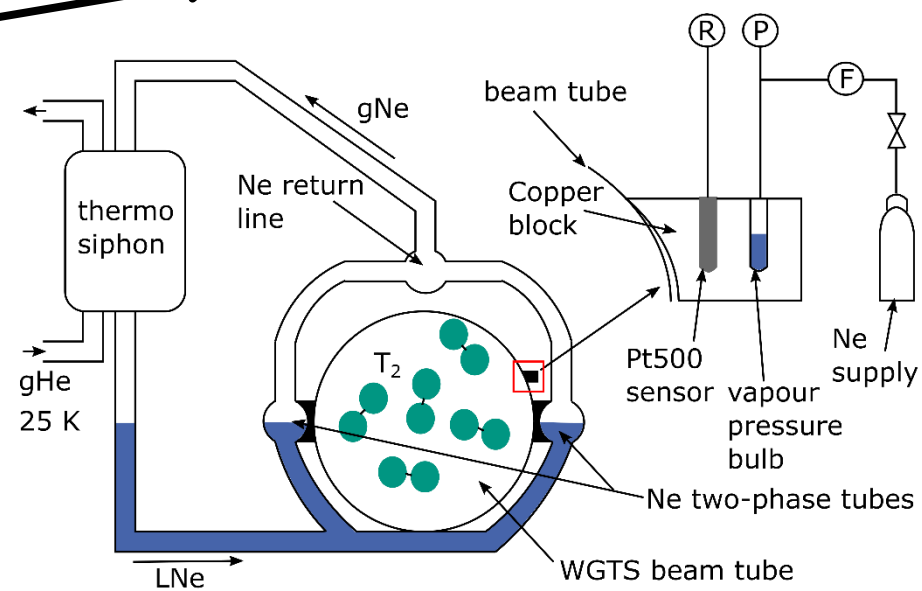
WGTS for KATRIN

Poster #005,
Monday



10^{11} Bq tritium activity
7 superconducting coils

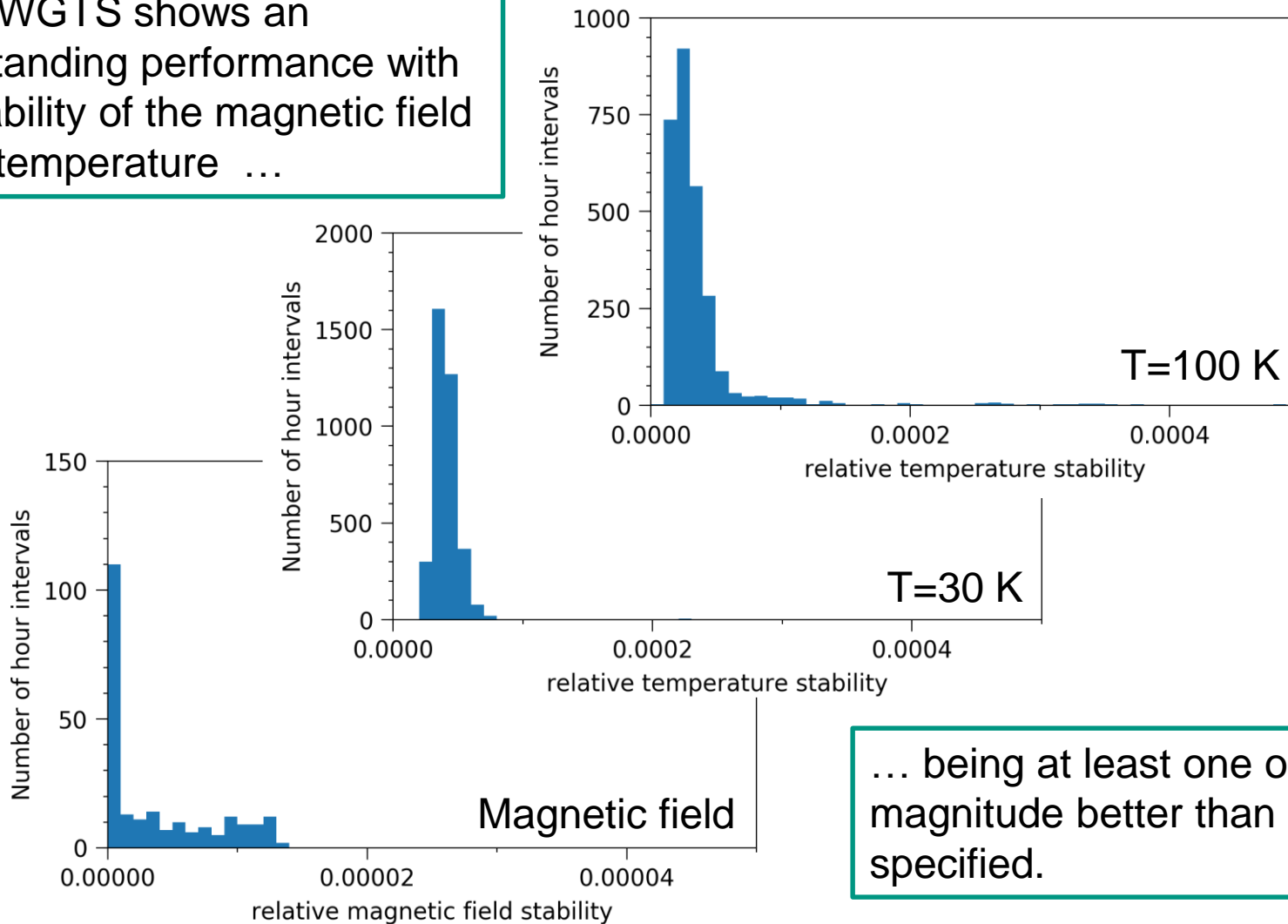
Stability requirement $2 \times 10^{-3}/h$:
→ Novel cooling system with two-phase neon (30 K) or argon (100 K), 24 Pt500 sensors for monitoring
→ Also required for magnetic field



WGTS temperature and magnetic field stability

Poster #005,
Monday

The WGTS shows an outstanding performance with a stability of the magnetic field and temperature ...



... being at least one order of magnitude better than specified.