



FREIA Status EuroLabs

Rocio Santiago Kern

On behalf of the FREIA team

FREIA Laboratory, Uppsala University

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- Vertical cryostat
 - Suitable for a bare cavity or
 - Superconducting magnet
- Status
 - Ready for operation in w. 8
- Availability
 - Between main projects
- TNAs
 - Crab cavity (done)
 - SUSHI magnet: foreseen for March 2023

Gersemi









- Horizontal cryostat
 - Suitable for 1 or 2 jacketed cavities

HNOSS

- Status
 - Would need 3 weeks to be ready for operation
- Availability
 - For low power tests in between main projects
 - For high power tests before the next project
- No TNAs foreseen yet







- CoW (Cryostat on Wheels)
 - Suitable for test of small equipment at 4.2 K

CoW

- Status:
 - Ready to be used
- Availability
 - Anytime, depends only on availability of Lhe
- No TNAs foreseen yet





EURO: LABan for service Improvement



- The following are ideas for improving the systems:
 - Magnetic fluxgate sensor for cavity testing in either GERSEMI or HNOSS
 - Solid-state amplifiers for cavity testing in either GERSEMI or HNOSS
 - An anti-cryostat for magnetic field sensor for magnet (already filed for approval)
 - LLRF system and/or new RGA (if anticryostat not approved)