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## Support system

*Tuesday 11 March 2025 14:50 (30 minutes)*

Description of support system design, analysis and proposed upgrades

- Requirements, constraints
- Components of cradle and interfaces with shielding and dump
- Thermo-mechanical assessment of run 3 support system
- Stress mitigation proposals
- Detailed analysis of cables, lubrication and radiation hardness
- Critical failure modes and mitigations
- Summary of proposed HL design + remaining work required for detailed design

**Presenter:** LUND, Asbjoern