

## 8th CYGNUS Workshop on Directional Recoil Detection



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### **Towards CYGNO04**

*Wednesday 13 December 2023 09:30 (30 minutes)*

We will present the progress of the CYGNO04 project, the technical choices made based on budget constraints, and the selected site for installing the detector. The current detector layout will be illustrated along with descriptions of the chosen cathode, field cage, gas vessel, charge amplification device, and light sensors. Additionally, we will provide an update on the development of essential services and infrastructures, including the DAQ, Online Analysis, gas system, and computing infrastructure. These components are crucial for the operation of CYGNO04 and are currently undergoing testing with LIME at LNGS.

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