

## Beam Instrumentation for EuPRAXIA

*lunedì 18 settembre 2023 19:00 (1O 30m)*

Electron and X-ray beam instrumentation will be a core component of the EuPRAXIA X-ray free electron laser. It will be used to set up the accelerator, to demonstrate and optimize the beam parameters, to stabilize the beam using feedback and adaptive feed-forward loops, and to diagnose errors.

We present here an overview of the requirements and outline a comprehensive suite of instruments.

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**Relatore:** ISCHEBECK, Rasmus (PSI)

**Classifica Sessioni:** Poster session

**Classificazione della track:** WG7: Beam diagnostics, instrumentation, Machine Learning