

# **LIPS**

**Wednesday 21 February 2024 - Friday 23 February 2024**

**DESY**

## **Scientific Programme**

**Direct LLM research use in fundamental physics**

**Automated text and code generation**

**LLM integration in traditional workflows**

**Implicit physics understanding**

**Symbolic computation**

**Prompt Engineering**

**Alignment, Ethics, and Reliability**

**Other**