

# DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 123

Type: **Parallel talk**

## **Towards high-current multi-turn energy recovery: status of PERLE/cancelled/**

*Tuesday, 28 March 2023 16:30 (20 minutes)*

PERLE is a facility to probe high-current multiturn energy recovery to be built at IJClab in Orsay. Besides being a key step towards the use of this technology, one of the priorities established in the last European Strategy for Particle Physics [1], in top energy colliders, it will also provide a strong physics programme on its own. We review the status of PERLE and the steps from the Conceptual Design Report [2] to a Technical Design Report in 2023.

[1] C. Adolphsen et al., CERN Yellow Rep.Monogr. 1 (2022) 1-270, e-Print: 2201.07895 [physics.acc-ph].

[2] D. Angal-Kalinin et al., J. Phys. G 45 (2018) 6, 065003, e-Print: 1705.08783 [physics.acc-ph].

### **Submitted on behalf of a Collaboration?**

Yes

### **Participate in poster competition?**

**Presenter:** KAABI, Walid

**Session Classification:** WG6

**Track Classification:** WG6: Future Experiments