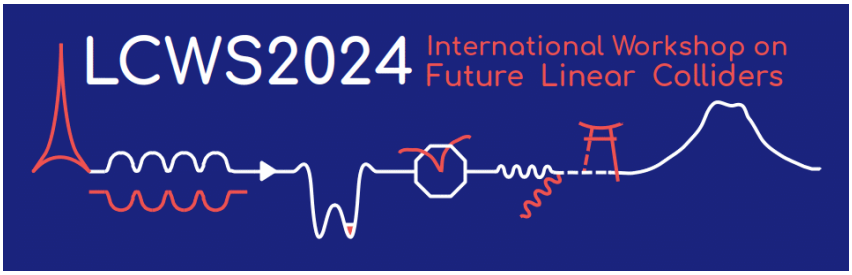

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SRF programs towards High-Q/High-G cavities in IJCLab

Tuesday 9 July 2024 09:20 (20 minutes)

IJCLab has been leading development and deployment of low-beta SRF cavities for proton and heavy ion accelerators.
We are launching a new project for sustainable Energy Recovery Linac (iSAS/PERLE) with state-of-the-art SRF cavities at 800 MHz.
Our proposal includes advanced heat treatment of such cavities to reach excellent quality factor at high fields.
In this talk, we overview the status of this activity and its technical synergy with other SRF projects, such as FCCee, EIC, and ILC.

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