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Feedback

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Transverse feedback systems are used for injection oscillation damping and transverse coupled bunch instability mitigation. The FCC-hh sets new challenges in comparison to the LHC due to the more rigid beam during the injection and the faster coupled bunch instability growth rate, which mitigation relies increasingly on the transverse feedback system. In this presentation, the performances of the FCC-hh transverse feedback system concepts are evaluated and discussed.

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