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Abstract title

The cryogenic system of FCC-hh and FCC-ee will require unprecedented cooling capacity to be transported over unprecedented distances. The corresponding project study has challenged the cryogenic community and triggered specific studies in order to conceptually design the cryogenic systems and to identify the limitations of the present state-of-the-art as well as the developments which will be needed to fulfil the FCC requirements. This presentation will recall the main challenges of the FCC cryogenics and will show the corresponding study organization and roadmap towards the conceptual design report. Preliminary results will be also presented.

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