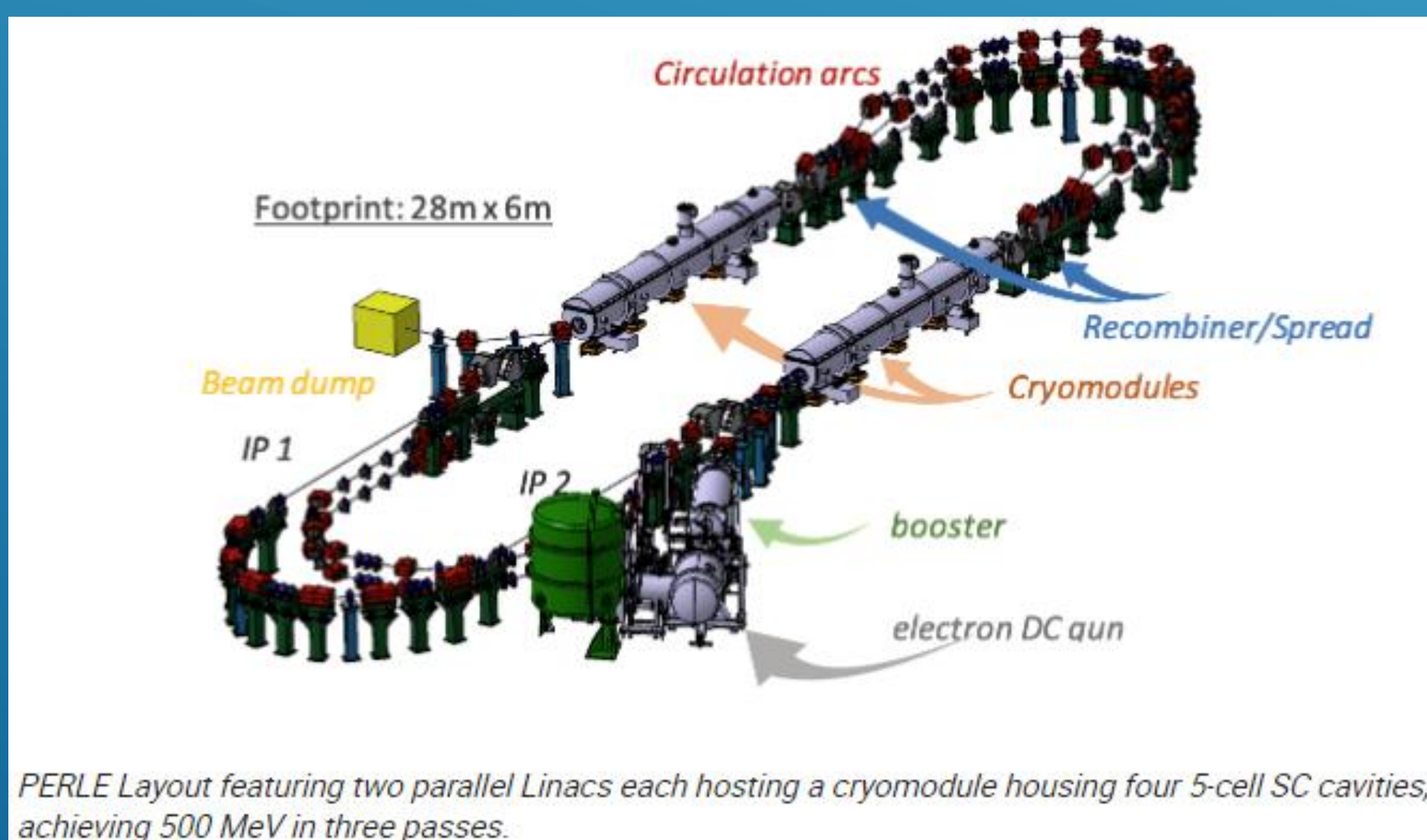


# PERLE Project

« Development of an energy-harvesting particle accelerator with unprecedented energy efficiency »

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PERLE is a compact three-pass ERL project based on SRF technology, being as a new generation machine targeting the 10 MW beam power regime. Apart from the experiments it could host thanks to its beam characteristics, PERLE will serve as a hub for the validation and exploration of a broad range of accelerator phenomena in an unexplored operational power regime serving for the development of ERL technology for future energy and intensity frontier machines.



March 19, 2025  
Amphi Dirac, 10:30 am