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Type: **Parallel**

PoPLaR; the LhARAproof of principle experiment

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The “Laser-hybrid Accelerator for Radiobiological Applications”, LhARA, is conceived as a novel, uniquely-flexible facility dedicated to the study of the biological impact of proton and ion beams. The collaboration is implementing a proof-of-principal beam-line, “PoPLaR”, on the SCAPA facility at Strathclyde University. It is planned that the beam line will be commissioned over the summer and autumn of 2025. The beam-line will be used to serve the LhARA collaboration’s systematic comparison of in-vitro radiobiology using laser-driven and conventional beams. The status of PoPLaR beam line will be described and its role as a test bed for LhARA will be outlined.

Secondary track

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