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Type: Talk

Beamline simulations for the University of Melbourne X-LAB

Wednesday, 12 April 2023 16:00 (20 minutes)

The University of Melbourne X-band Laboratory for Accelerators and Beams (X-LAB), now actively being commissioned, is to be operating X-band accelerator research laboratory in the southern hemisphere.

In order to leverage the full capability of the X-BOX test stands from CERN, the X-LAB is designing a compact beamline to be built on site based around the use of high gradient X-band (11.9942GHz) accelerating cavities.

This talk will discuss the design process of this beamline, alternative arrangements, and potential user applications.

Speaker's Title

Mr.

Speaker's Gender

Man

Speaker's Preferred name (if any)

Speaker's Pronouns

Speaker's Name

Scott Williams

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