

NuFact 2022: The 23rd International Workshop on Neutrinos from Accelerators

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Type: **Talk**

ESSnuSB from source to target and plans for the future

Thursday, August 4, 2022 4:10 PM (30 minutes)

The European Spallation Source (ESS) will be the most powerful neutron source in the world. This facility offers a unique opportunity for studying fundamental physics, in particular the matter-antimatter asymmetry in the Universe thanks to the development of a very intense neutrino superbeam. The ESS neutrino Super-Beam project proposes an accelerator complex, complimentary to the existing facility, and an additional target station to produce such a neutrino beam. We will give an overview of the ESSnuSB project with details on the accelerator complex, from source to target. We will also present the proposed next steps for the ESSnuSB project.

Attendance type

Virtual presentation

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