

Session Program

17 November 2022

ESS symposium arranged by the Royal Swedish Academy of Sciences' Physics Class

BLOCK 3: Fundamental physics at ESS

ESS and Zoom, In-person in Auditorium Tycho Brahe, Partikelgatan 2, ESS - Zoom <https://ess-eu.zoom.us/j/62666710324?from=addon> . (Zoom ID 62666710324)

Thursday 17 November

14:10

BLOCK 3: Fundamental physics at ESS

Session

14:10-14:40

Overview of the ESS fundamental physics possibilities (25 + 5 minutes)

Speaker

Valentina Santoro

14:40-15:02

Search for anti-neutrons using neutrons: nnbar and HIBEAM (17 + 5 minutes)

Speaker

David Milstead

15:02-15:24

Coherent Neutrino Scattering at ESS (17 + 5 minutes)

Speaker

Else Lytken

15:24-15:46

The H2020 Design Study ESSnuSB: An intense neutrino beam produced by ESS and the detectors using it. (17 + 5 minutes)

Speaker

Tord Ekelöf

15:50-16:10

Coffee/Tea

16:10