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THE EUROPEAN SPALLATION SOURCE (ESS): CURRENT STATUS AND PLANS

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The European Spallation Source (ESS), which is currently under construction in Lund, Sweden, is designed to push the limits of research with neutrons to new horizons. ESS will open up new scientific opportunities which are complementary to those at X-ray sources. These will include unprecedented in-situ and in-operando experiments which are only possible with neutrons due to their special properties.

After a short summary of the design and the specifications of the European Spallation Source an overview of the current status and schedule of the ESS construction project will be given. The overall goal of ESS is to begin first science with 3 instruments in 2023 and ramp up to 15 instruments in user operation by 2027.

The photo shows a recent view of the ESS construction site.

Primary author: Dr SCHREYER, Andreas (European Spallation Source)

Presenter: Dr SCHREYER, Andreas (European Spallation Source)

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