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News and perspectives of the european spallation source

Ken Holst Andersen¹

¹*European Spallation Source, Lund, Sweden*

E-mail: ken.andersen@esss.se

The European Spallation Source is a next-generation slow-neutron facility under construction in Lund, Sweden. When completed, it will provide the world's brightness neutron beams for the study of materials ranging from biological systems and soft matter to engineering materials, structural chemistry and magnetism. An overview will be given of the state of the project, as well as key design features allowing an unprecedented degree of flexibility and performance both for the initial suite of neutron beam instruments and for future upgrades. Highlights are given of key science areas which will benefit.

Keywords: [neutron scattering](#), [neutron instrumentation](#), [neutron facilities](#)