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European collaboration for the realization of ESS

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The European Spallation Source (ESS) linear accelerator, one the largest scientific equipment under realisation in Europe, is now in the beam commissioning stage. The project is implemented thanks to the collaboration of several European countries, mostly following the scheme of the in-kind contribution, with the involvement of scientists from many European laboratories and Universities in all phases, from design to beam commissioning. The most recent achievements are described in detail.

The in-kind contributions are vast and differentiated, including delivery of normal conductive and superconducting accelerating structures, ion sources, magnets, power converters, RF systems, controls, diagnostics as well as the participation to design, installation, and commissioning of the linac. Results of this collaborative effort will be shown in details.

Funding Agency

Footnotes

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Yes

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