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## Superferric magnets

*Friday 1 December 2023 11:00 (1 hour)*

A brief introduction to the superferric magnets is given, what are they and why we use them.

An overview of the use of superferric magnets in synchrotrons by selected examples from past to actual projects. A special focus is dedicated to HL-LHC high Order Correctors with a detailed description of the design and performance, highlighting the contribution of the superferric configuration.

The potential contribution of superferric magnets for increasing sustainability of research infrastructure is finally discussed.

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