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The HBS neutron source project and the associated instrumentation

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The HBS („High Brilliance neutron Source”) is an ambitious HiCANS project being developed by the Jülich Centre for Neutron Science (JCNS). The technical design report [1] for the facility has been published in 2023 featuring the accelerator (protons, 70 MeV, 100 mA), three individual target-moderator-reflector stations and the associated instrumentation, which will allow scientific applications on the level of today’s well-established research reactor neutron sources.

In addition to ...

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