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The ICONE project: towards a new French neutron scattering facility.

Tuesday, May 28, 2024 10:00 AM (25 minutes)

The Laboratoire Léon Brillouin is developing the technologies necessary to build a new type of neutron source using low energy proton accelerators: High Current Compact Accelerator driven neutron sources (HiCANS). The long-term goal is to eventually build a new user facility, ICONE, which would offer a suite of 10 neutron scattering instruments to the French community. We aim at achieving performances comparable to the instruments which were operated around the Orphée reactor.

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