Current projects



- protons
- 32 mA







- 5 mA
- 40 MeV
- protons/deuterons
- 5 target stations - 5 instruments

Galn target

- Li/Water and liquid



www.ELENA-neutron.eu





Neutron facilities Association



- Neutrons see magnetism, hydrogen and atomic movements. They enable the understanding of the intimates' properties of matter leading to the development of new materials.
- Neutrons enable innovation and help to solve societal challenges on climate, energy conversion, health, information technology, environment or cultural heritage.









- ELENA, the European Low Energy accelerator-based Neutron facilities Association, is a not-for-profit consortium formed to promote cooperation between European laboratories, companies and researchers working in the field of low energy accelerator based neutron sources.
- ELENA places emphasis to cooperate and initiate collaborations, research and development on accelerator-based neutron sources within Europe.





ELENA is open to new members in Europe which engage in the field of low energy accelerator-based neutron sources.

Current* members from

ESS Bilbao www.essbilbao.org

Institutt for Energiteknikk (IFE) www.ife.no/en/

Jülich Centre for Neutron Science (JCNS) www.fz-juelich.de/jcns/EN

Laboratoire Léon Brillouin (LLB) www-llb.cea.fr/en/

Laboratori Nazionali di Legnaro (LNL) www.lnl.infn.it

Mirrotron Ltd. www.mirrotron.com/en

SARAF Accellerator Facility nrcn.gov.il

Uppsala Universitet www.uu.se

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