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CLEAR: Cluster of Low Energy Accelerators for Research

The Cluster of Low Energy Accelerators for Research (CLEAR) is a consortium comprising three research facilities [1]: ATOMKI in Debrecen [2], CNA in Seville [3], and IST in Lisbon [4]. CLEAR is part of the EURO-LABS EU Project [5], each facility offering 640 hours of Transnational Access to stable-ion and neutron beams annually.

The consortium operates under a unified Program Advisory Committee and holds three proposal calls per year. These proposals cover various fields, including nuclear physics, nuclear applications, and nuclear technology, where low-energy accelerators play a key role.

As of September 2024, 10 proposals have been successfully completed, meeting criteria such as scientific excellence, cross-disciplinary relevance, and training opportunities. Notably, many proposals came from first-time users, broadening the international reach and collaborations of the CLEAR facilities.

1. <https://institucional.us.es/clear/transnational-access>
2. <https://www.atomki.hu/en/>
3. <https://cna.us.es/index.php/en/>
4. <https://c2tn.tecnico.ulisboa.pt/facilities/nuclear-microprobe/>
5. <https://web.infn.it/EURO-LABS/>

Work-package

WP2 - RIs for Nuclear Physics

Facility identifier

CLEAR Consortium

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