

Resource Summary Report

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National Institute for Scientific Research Advanced Laser Light Source Core Facility

RRID:SCR_028003

Type: Tool

Proper Citation

National Institute for Scientific Research Advanced Laser Light Source Core Facility
(RRID:SCR_028003)

Resource Information

URL: <https://alls.inrs.ca/en/>

Proper Citation: National Institute for Scientific Research Advanced Laser Light Source Core Facility (RRID:SCR_028003)

Description: Canadian national user facility located at INRS-EMT in Varennes, Quebec, designed to develop and apply high-power, ultrafast lasers for advanced scientific research. It produces intense, synchronized light pulses spanning from THz to hard X-rays for dynamic imaging, materials science, and medical applications. Home of the most powerful laser in Canada with 750 TW and high repetition rate laser systems to explore novel phenomena in matter with ultrafast tools.

Abbreviations: ALLS

Synonyms: , Advanced Laser Light Source (ALLS), Advanced Laser Light Source, National Institute for Scientific Research Advanced Laser Light Source (ALLS)

Resource Type: access service resource, core facility, service resource

Keywords: High power lasers; femtosecond lasers; ARPES; COLTRIMS; X-ray imaging; high energy ions; high energy electrons; neutrons

Funding: CFI

Availability: Restricted

Resource Name: National Institute for Scientific Research Advanced Laser Light Source Core Facility

Resource ID: SCR_028003

Alternate IDs: ABRF_5786

Alternate URLs: https://coremarketplace.org/RRID:SCR_028003/?citation=1,
<https://inrs.ca/en/research/research-facilities/find-a-research-facility/advanced-laser-light-source-laboratory/>

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Ratings and Alerts

No rating or validation information has been found for National Institute for Scientific Research Advanced Laser Light Source Core Facility.

No alerts have been found for National Institute for Scientific Research Advanced Laser Light Source Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.