Thiết bị nghiên cứu lớn dùng chung toàn cầu

intl.khoa-hoc-cong-nghe.to-chuc-ha-tang-khoa-hoc.research-equipment

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ĐIỂM NỔI BẬT

XUNG TIA X TỐI ĐA

27000

xung/giây

European XFEL

SỨC CHỨA BEAMLINE

60

beamline

NSLS-II, mức tối đa theo cơ sở

NĂNG LƯỢNG VA CHẠM PROTON D...

13.6

TeV

LHC, Run 3

DỮ LIỆU

Large Hadron Collider (LHC)

Loại cơ sở: Máy gia tốc va chạm proton và ion · Địa bàn: Khu vực Geneva, biên giới Pháp–Thụy Sĩ

13.6 TeV năng lượng va chạm proton danh định Run 3

European X-ray Free-Electron Laser (European XFEL)

Loại cơ sở: Laser tia X electron tự do · Địa bàn: Schenefeld và Hamburg, Đức

27000 xung tia X mỗi giây

National Synchrotron Light Source II (NSLS-II)

Loại cơ sở: Nguồn sáng synchrotron · Địa bàn: Upton, New York, Hoa Kỳ

60 beamline tối đa theo sức chứa cơ sở

European Synchrotron Radiation Facility (ESRF-EBS)

Loại cơ sở: Nguồn sáng synchrotron tia X · Địa bàn: Grenoble, Pháp

NGUỒN & ĐỘ MỚI

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Cập nhật: 2026-11-01
Giấy phép: Không ghi nhận

International Atomic Energy Agency (IAEA) — Research Reactor Databases
https://nucleus.iaea.org/sites/connect/RRIHpublic/Pages/rrdatabase.aspx

Australian Nuclear Science and Technology Organisation (ANSTO) — OPAL multi-purpose reactor
https://www.ansto.gov.au/facilities/opal-multi-purpose-reactor

International Atomic Energy Agency (IAEA) — Research Reactor Database
https://nucleus.iaea.org/Pages/rr-db.aspx

CERN — Directions
https://home.cern/directions/

CERN — Long Shutdown 3
https://home.cern/science/long-shutdown-3/

CERN — Final collisions, new horizons
https://home.cern/final-collisions-new-horizons/

European Synchrotron Radiation Facility — ESRF home page
https://www.esrf.fr/cms/live/live/en/sites/www/home.html

European Synchrotron Radiation Facility — EBS Parameters
https://www.esrf.fr/home/Accelerators/ebs---extremely-brilliant-source/ebs-parameters.html

ITER Organization — A summer of substantial progress
https://www.iter.org/node/20687/summer-substantial-progress

ITER Organization — Facts & Figures
https://www.iter.org/facts-figures

ITER Organization — Contact us
https://www.iter.org/contact-us

Chinese Academy of Sciences Large Research Infrastructures User Service Platform — Five-hundred-meter Aperture

Spherical radio Telescope (FAST)
https://english.nao.cas.cn/research/researchdivisions/radioastronomy/202103/t20210323_266393.html

Chinese Academy of Sciences Large Research Infrastructures User Service Platform — □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
https://lssf.cas.cn/xwzx/zyxw/202608/t20260807_5118009.html

CERN — The Large Hadron Collider
https://home.cern/science/accelerators/large-hadron-collider/

CERN — Final laps at the LHC
https://home.cern/final-laps-lhc/

CERN — CERN bids farewell to the LHC and enters Long Shutdown 3
https://home.cern/cern-bids-farewell-to-the-lhc-and-enters-long-shutdown-3/

CERN — Large Hadron Collider
https://home.cern/science/accelerators/large-hadron-collider

European XFEL — Facility
https://www.xfel.eu/facility/index_eng.html

European XFEL — Operation
https://www.xfel.eu/facility/operation/index_eng.html

European XFEL — Impressum und rechtliche Hinweise
https://www.xfel.eu/impressum/index_ger.html

Brookhaven National Laboratory — NSLS-II Accelerator Complex
https://www.bnl.gov/nsls2/accelerator/machine.php

Brookhaven National Laboratory — National Synchrotron Light Source II
https://www.bnl.gov/nsls2/

European Synchrotron Radiation Facility — Beamline status
https://www.esrf.fr/home/UsersAndScience/Apply-for-beamtime/beamline-status.html

European Synchrotron Radiation Facility — Contact information
https://www.esrf.fr/about/contacts