



INSTITUT LAUE LANGEVIN

NEUTRONS FOR SOCIETY

THE WORLD'S LEADING FACILITY IN NEUTRON SCIENCE & TECHNOLOGY

Calendar

HYPERFINE
INTERACTIONS AS A
PROBE IN SOLIDS: THE
EXAMPLE OF A
MULTIFERROIC SYSTEM:
BISMUTH FERRITE

From Friday February 06,
2026 at 10:30 am to Friday
February 06, 2026 at 11:30
am

G...

HERCULES SCHOOL 22
FEBRUARY - 29 MARCH
2026

From Sunday February 22,
2026 at 8:00 am to Friday
March 29, 2026 at 6:00 pm

HIRES 2026 - SYNERGIES
IN HIGH RESOLUTION
SPECTROSCOPY

From Tuesday March 10,
2026 at 9:00 am to Friday
March 13, 2026 at 12:15 pm

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FASEM 2026 FOR
ENERGY MATERIALS

From Monday March 16,
2026 at 8:00 am to Friday
March 20, 2026 at 1:00 pm

F...

BOMBANNES 2026

From Tuesday June 09,
2026 at 9:00 am to Tuesday
June 16, 2026 at 5:00 pm

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X-RAY AND NEUTRON
SCIENCE -
INTERNATIONAL
STUDENT SUMMER
PROGRAMME AT
ILL/ESRF

From Wednesday
September 02, 2026 at
8:00 am to Wednesday
September 30, 2026 at
6:00 pm

T...

EUROPEAN CONFERENCE
ON NEUTRON
SCATTERING

From Sunday June 27, 2027
at 9:00 am to Thursday
July 01, 2027 at 4:00 pm

2...

Latest News



A DELEGATION FROM THE REPUBLIC OF
KAZAKHSTAN AT THE ILL

01/29/2026 - General news

ILL welcomed a delegation of the Atomic Energy Agency and the Institute of Nuclear Physics of the Republic of Kazakhstan. Discussions focused on international cooperation in neutron science and on building a long-term scientific partnership.



PAVING THE WAY FOR NEXT-GENERATION HIGH
MAGNETIC FIELD SAMPLE ENVIRONMENTS IN
NEUTRON SCATTERING

01/28/2026 - Neutron tech,Industry,Industry - Metallurgy & Engineering,Scientific news

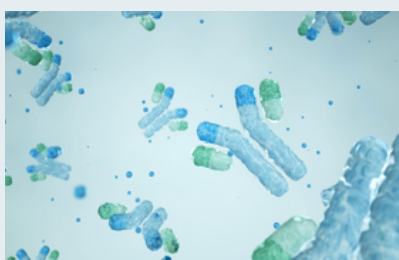
A successful partnership between company HTS-110 and the ILL will be taken forward to design and manufacture a 14 tesla high-field magnet for the ESS.



SMALL FIBERS - BIG EFFECT

01/27/2026 - Energy,Biology Health,Industry - Agriculture & Food,Scientific news,D22,D33,Denmark,Switzerland,Students

Neutrons take a glimpse inside the molecular structure of plant-based foods



WHEN ANTIBODIES ATTACK: DECIPHERING
MOLECULAR MYSTERIES OF THE IMMUNE SYSTEM

12/19/2025 - Health,Biology Health,Soft matter,Scientific news,IN15,Germany

A newly published study looked into the molecular motions of therapeutic antibodies and their ability to interact with their target molecules. The results provide crucial information to optimise design and formulations in future developments.



TOWARDS A WIDER USE OF NEUTRON AND PHOTON
RESEARCH OUTPUTS

12/18/2025 - European news

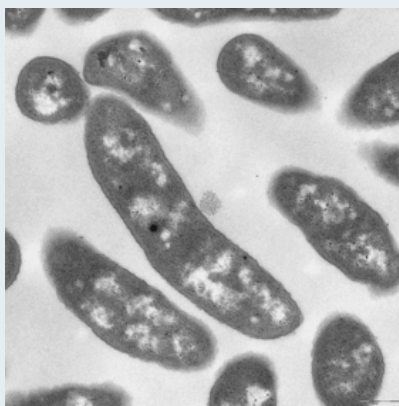
The PaNOSC consortium (Photon and Neutron Open Science Cloud) has just signed the European Open Science Cloud (EOSC) Federation Memorandum of Understanding (MoU). By linking hundreds of data repositories and tools, the EOSC Federation aims to create...



COMPLETION OF PRISMAP: THE PROJECT
RADIONUCLIDE DELIVERY MAP

12/17/2025 - radioisotopes,Health,European news,Scientific news

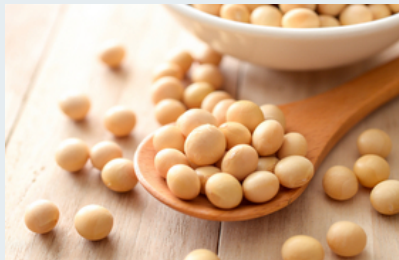
PRISMAP, the European medical radionuclides programme, is ending on 31 December 2025. The consortium has just published a press release providing an overview of the user projects funded by the programme.



LIFE IN THE COLD: HOW MICROBES THRIVE - AND
DIE- AT EXTREME TEMPERATURES

12/15/2025 - Biology Health,Soft matter,Scientific news,IN16B,France,Italy

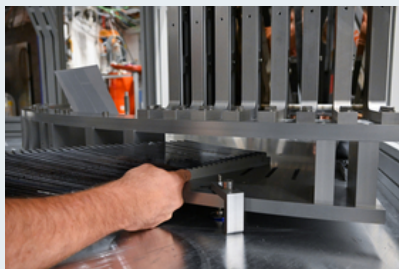
A new study based on neutrons provides valuable insights into the thermal vulnerability of different bacterial families. It shows that organisms adapted to very low temperatures are also surprising fragile: even a slight rise in temperature can be...



EASY TO DIGEST: NEUTRONS REVEAL HOW THE
HUMAN BODY PROCESSES PLANT PROTEINS

12/10/2025 - Biology Health,Soft matter,Scientific news,D33,Sweden

A newly published gives an important contribution to the understanding of physiological processing of plant-based foods. Their results can be used to optimise production, improving the digestibility of plant proteins and thus the nutritious value of...



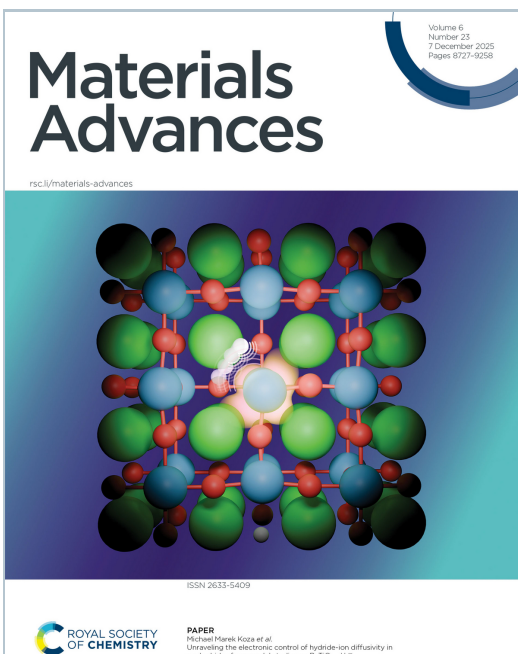
MARMOT AT FULL SWING

12/09/2025 - Neutron tech,Scientific news,ThALES

The MARMOT system is the latest innovation in neutron technologies. During the last reactor cycle of 2025, it has been commissioned on ThALES with 1/4 of the detector channels fully equipped. Routine operation should start next year.

Impact

ILL RESULTS ON
JOURNAL COVERS



WORLD SCIENCE
DAY FOR PEACE &
DEVELOPMENT



10 Nov | Ken Andersen thanks citizens for their trust and support.

ILL IN THE LATEST
ISSUE OF 'SCIENCE
IN SCHOOL'



ILL GENERAL
BROCHURE



(pdf - 24 Mi)

All Events



All News



All Brochures



ILL is a founding member of the [League of advanced European Neutron Sources](#)

[European Intergovernmental Research Organisation forum](#), brings together eight of Europe's largest research organisations, including ILL

