

# Celebrating 50 years of Science and Innovation at ILL

## Reactor delivers its first neutrons

First scientific experiments,  
first publications

1971

## Three associate countries (France, Germany and the UK)

Widening scientific collaboration across European nations

1973

## First modernisation programme: new experimental building and cold source of neutrons

New, sophisticated instruments enabling  
exciting new fields of investigation

1986

## New reactor vessel goes live

Strong demonstration of ILL's  
resilience and of a European  
commitment to neutron science

1995

## Millennium programme launched

25 instruments built or upgraded -  
25 x increase in the average neutron  
detection rates across all instruments

2000

## CIBB, opens - a new joint facility dedicated to structural biology

Access to an integrated structural biology environment - a wide  
range of sample production and physico-chemical-biochemical  
characterization techniques accessible across European nations

2006

## Sweden, Belgium, Poland, Denmark and Slovakia join the ILL

90% of European neutron scientists  
have privileged access to ILL

2006

## Intergovernmental convention to be extended to 2033

European neutron science as strong as ever!

2021

## Expansion of remote collaboration

Technological innovation allows  
for greater student participation,  
enlarging the neutron community

2020

## Launch of the Endurance programme

Leading the way in neutron  
science: opening new avenues  
for research in magnetism,  
materials science, soft matter,  
biology and particle physics

2016

## Post-Fukushima reinforcement work

Innovative approaches to future-proofing  
a nuclear reactor in the face of disaster

2012

## Workforce comprises 30 nationalities

Cross-cultural scientific research collaboration

2012

