

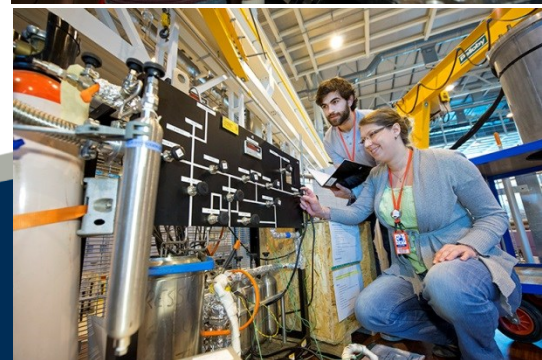
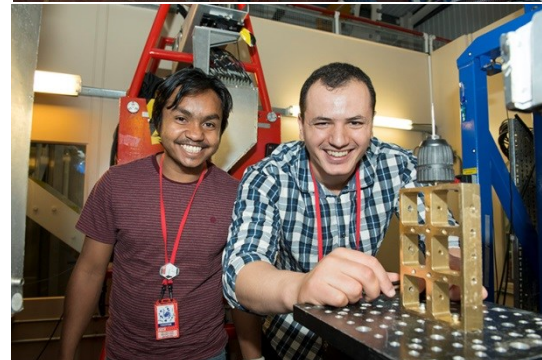
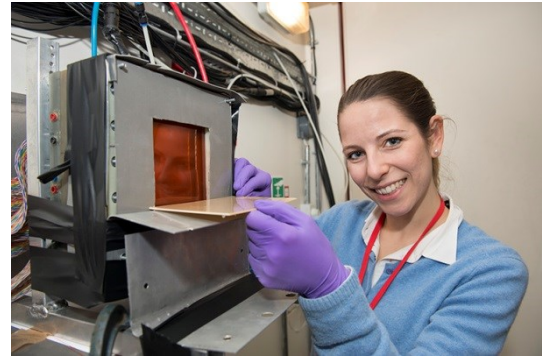
Overview

Every year:

- **1100 proposals**
- **800 experiments**
- **~3500 researcher visits**
- **from 30 different countries**
- **1300 individual researchers**
- **450 publications**

Access Routes to ISIS beamtime

- Calls for proposals – twice per year (>1000 per year)
- ‘Rapid Access’ – proposals anytime (~100 per year - growing)
- ‘Xpress Access’ – for very short, simple measurements (~300 per year - growing)
- Industrial programme – access route tailored for industry (since 2011) (20 per year)



‘Xpress Access’ at ISIS

- Short, straightforward measurements
- Samples mailed in
- Measurements performed by an ISIS scientist
- Uses: quick crystal structure, short measurement to complete an experiment, testing a sample . . .
- Must be simple – no complex equipment, simple safety case
- Just a technical review, no science review
- User must contact relevant ISIS scientist in advance
- Corrected data provided, ready for analysis
- In principle available on any ISIS instrument . . .



Complementary measurement facilities at ISIS

- Materials characterisation Lab:
 - XRD, PPMS, elemental analysis (XRF), thermal analysis (DSC), AFM, density
- Hydrogen / catalysis lab:
 - Thermogravimetric analysis, Raman, FTIR
- Biology labs (containment levels 1 and 2):
 - Prep, characterisation and handling of bio samples incl. centrifuges, protein purification, fermentor, freeze dryer, etc.
- Chemistry labs:
 - Gloveboxes, furnaces, evaporators, water baths, etc.



Complementary measurement facilities at ISIS

- Deuteration lab – producing deuterated samples for ISIS experiments
- Crystal growth lab – limited capability to produce single crystals
- Research Complex at Harwell
 - TEM, SEM, NMR, XRD, general chemistry and physics equipment, centrifuge, crystallisation facilities, etc.

