

50 years of D11

A history of SANS
at the ILL



Contribution ID: 30

Type: **Invited speakers**

SANS Crystallography

Monday, 26 September 2022 12:05 (25 minutes)

Soon after the advent of High-Tc superconductors, it became clear that that important information could be obtained by observing the lattice of quantised flux lines in these and other unconventional and conventional superconductors. This meant that SANS scattering patterns contained Bragg peaks had to be analysed. I will compare the state of the art of early experiments with what is available today to investigate flux line lattices and other mesostructures, including Bayesian analysis and quasi-monochromatic (as on D11) versus TOF SANS techniques.

Primary author: FORGAN, Edward M

Presenter: FORGAN, Edward M

Session Classification: Talks