

Neutrons in modern structural biology

Trevor Forsyth

ILL Structural Biology Group, Grenoble, France

Structural biology is going through a period of significant change. There is now increased awareness of the importance of interdisciplinary/multi-technique approaches that complement the information gained from high-resolution and high-throughput methodologies in structural biology. Neutron scattering has an important role to play here, and recent developments in this field, both for instrumentation and for sample preparation, are systematically pushing back the barriers that have restricted its exploitation in the past. These developments will be summarised and relevant examples given that highlight the power of joint X-ray/neutron approaches for the study of biological systems.