

Electron Diffraction: an alternative to X-ray diffraction?

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Being based on the same concepts, X-ray and electron diffraction have many properties in common. Due to their unequal interaction with matter, there are, however, also some pronounced differences. This talk will give a short introduction to diffraction in general and highlight some of the similarities as well as the differences of the two techniques. It shall give you an insight into the capabilities of electron diffraction including presently available instrumentation and new developments, which may be of interest for applications in the field of protein crystallography.