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Recent developments on Echidna

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Echidna has just installed an improved monochromator, providing both increased intensity for common wavelengths and convenient access to a new wavelength, $2.05\text{\AA}$ at the standard 140° degree takeoff angle. The new monochromator is characterised in this poster, together with insights into Echidna usage and exploration of performance limits, including: how little sample is needed? What is the detection limit for magnetic moments? How absorbing can my sample be?

Topics

Biological Systems and Soft Matter

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