

FUNLAYERS Summer School on the Characterization of 2D-Materials using Synchrotron Light



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2D-Materials through the lens of X-ray absorption spectroscopies

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In this talk, I will briefly introduce the main concepts of synchrotron-based X-ray absorption spectroscopies (XAS): x-ray magnetic circular dichroism and x-ray (magnetic) linear dichroism to show their capabilities to investigate the exciting electronic and magnetic properties of 2D materials. Relevant examples of recent works that illustrate the potential of XAS techniques to unveil their intriguing behavior will be described and discussed.

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