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Tutorial "Introduction to EELS analysis with HyperSpy"

Thursday, 16 September 2021 16:45 (1 hour)

HyperSpy (https://hyperspy.org/) is an open-source Python package for the analysis of multi-dimensional datasets. In its fourteen years of existence, its community of developers has taken it from being a simple collection of scripts for electron energy-loss data analysis to become the core of a multidisciplinary software ecosystem. In this talk, I will its evolution, ecosystem, main features andstructure—all illustrated with a bit of theory and applications. I will also briefly describe how to contribute to HyperSpy and how to create your own HyperSpy extension.

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Session Classification: Multidimensional Data Analysis