

Approaches to FAIR TEM data (12 min talk + 3 min discussion)

Thursday, 15 April 2021 15:15 (15 minutes)

Transmission electron microscopy data is rich in quantitative information about materials, information that could in theory be coupled to atomistic simulations, but extracting and harnessing that information is non-trivial. Machine learning approaches may facilitate this, but these are hampered by the limited availability and interoperability of the data. In this talk we present approaches, progress, and challenges to making TEM data more F.A.I.R. (findable, accessible, interoperable and reusable) with the ultimate aim to bridge the gap between TEM, machine learning and atomistics.

Poster title

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Session Classification: Session IV