

Deciphering the organic-mineral relationship of marine particles using Scanning Transmission X-ray Microscopy

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Scanning Transmission X-ray Microscopy (STXM) is a powerful analytical tool to visualize and understand the organic-mineral dynamics of marine particles. In this talk, we will discuss the different data streams that can be collected and how STXM can aid in understanding the complex chemistry of marine particles. Deciphering these dynamics is integral in investigating the mechanisms involved in the bioavailability and mobility of elements into the ocean interior.