Molecular Studies of Clay Minerals and Related Structures

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Molecular simulation and spectroscopy are well-established fields of research for investigating the structure and chemical processes of clay minerals and their interfaces. The primary aim of this symposium is to gather professionals from a variety of scientific disciplines to better understand molecular aspects of clay mineral behavior. This effort includes contributions from computational chemistry (quantum, classical, coarse-grained, etc.), spectroscopies (NMR, vibrational, etc.), and neutron/synchrotron-based methods (scattering, X-ray reflectivity, X-ray absorption, etc.).