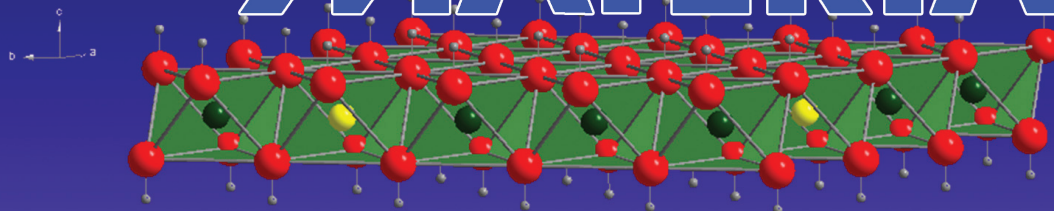
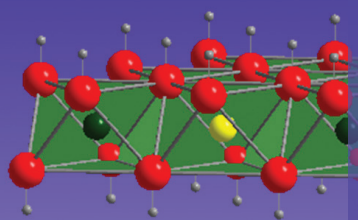


ADVANCED FUNCTIONAL MATERIALS



SUPRAMOLECULAR MATERIALS



^{17}O magic angle spinning NMR is used by L. Peng and co-workers to probe the cation ordering and interactions between intralayer cations and interlayer anions in layered double hydroxides via the “memory effect”. In particular, Mg_3OH and Mg_2AlOH can be distinguished, and their structures are shown here to the right and left, respectively, of the 3D NMR data.

