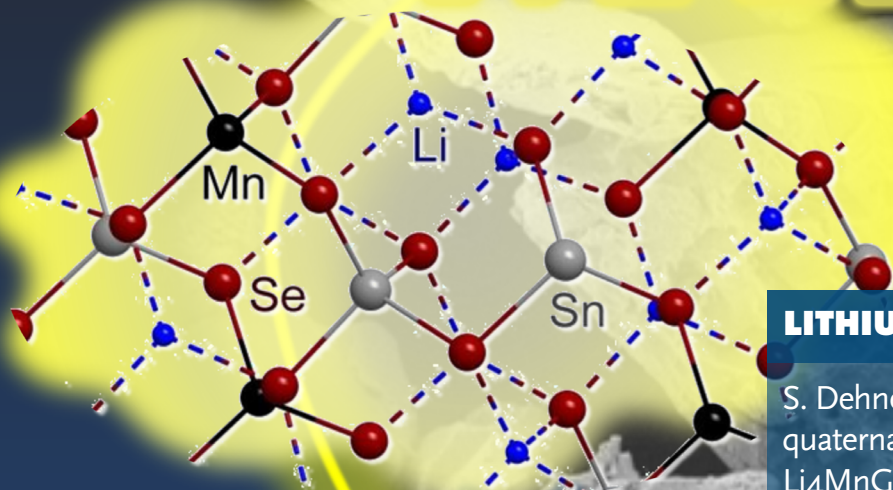


ADVANCED FUNCTIONAL MATERIALS



LITHIUM-ION BATTERIES

S. Dehnen and co-workers present two novel quaternary lithium-chalcogenidometalate phases, $\text{Li}_4\text{MnGe}_2\text{S}_7$ (1) and $\text{Li}_4\text{MnSn}_2\text{Se}_7$ (2), that achieve specific lithium storage capacities higher than those of the commercially used graphite. On page 5693, the phases display an excellent stability during cycling, thus representing very promising new anode materials for lithium-ion cells.

