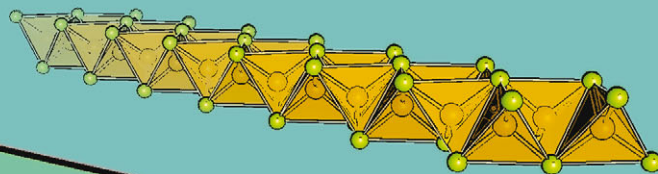
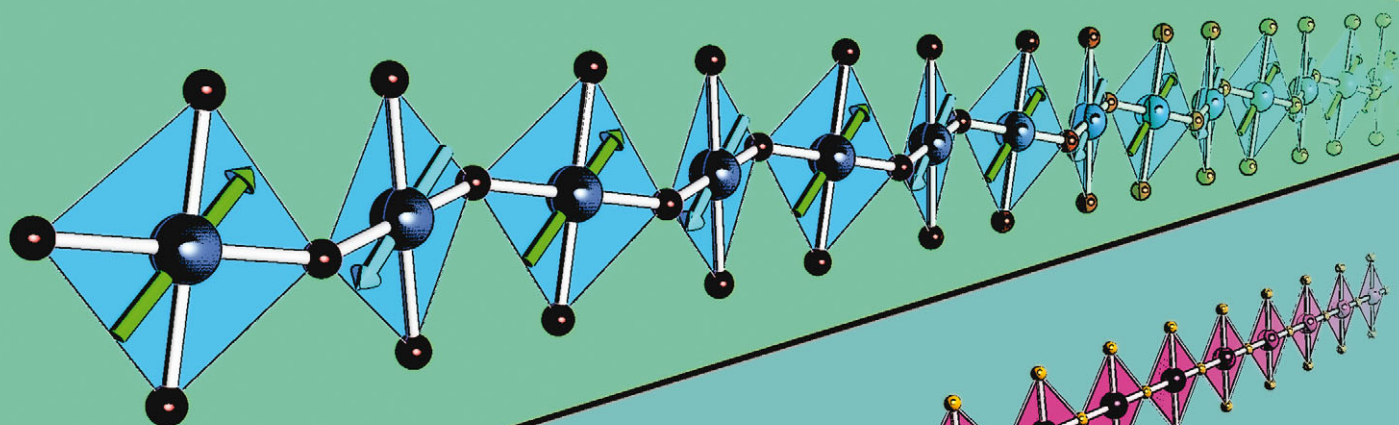


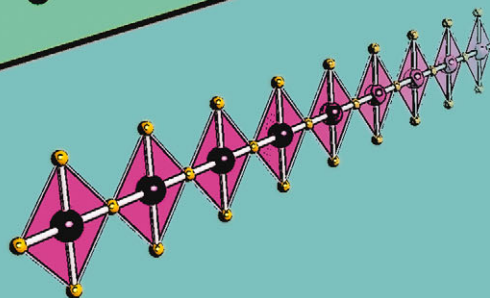
Iron(III) compounds



Fluoroargentates(II)



Oxocuprates(II)



Showcasing research from Prof. Grochala's Laboratory/CENT and Faculty of Chemistry, University of Warsaw, Warsaw, Poland, and collaborating institutions

Structural transition and unusually strong antiferromagnetic superexchange coupling in perovskite KAgF_3

The perovskite KAgF_3 exhibits an unprecedented strong one-dimensional superexchange *via* F atom, with a constant of superexchange coupling between Ag(II) centers close to -100 meV. This opens up the possibility to design novel magnetic and superconducting materials based on crystal-engineered silver(II) fluorides.

As featured in:



See Dominik Kurzydłowski, Wojciech Grochala *et al.*, *Chem. Commun.*, 2013, **49**, 6262.

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