



Contribution ID: 23

Type: Young Crystallographers Lightning Talks(+poster)

Probing Possible Non-Covalent Interactions on a Hexacationic Ag(I)-Pillarplex-Dodecyldiammonium Pseudo-Rotaxane as Terephthalate Salt

Tuesday, 15 March 2022 15:34 (5 minutes)

Pillarplexes are tubular supramolecular organometallic complexes containing macrocyclic NHC-ligands and eighth metal ions. The structural self-assembly of these motifs is predicted to be governed by non-covalent interactions between the pillarplex cation and its surrounding. Herein, we investigated possible non-covalent interactions with Full Interaction Maps, crystal structure analysis and Hirshfeld surface analysis.

Primary authors: Dr PÖTHIG, Alexander (Technical University of Munich); HEIDECKER, Alexandra

Presenter: HEIDECKER, Alexandra

Session Classification: Young Crystallographers Lightning Talks

Track Classification: Young crystallographers Lightning Talks