

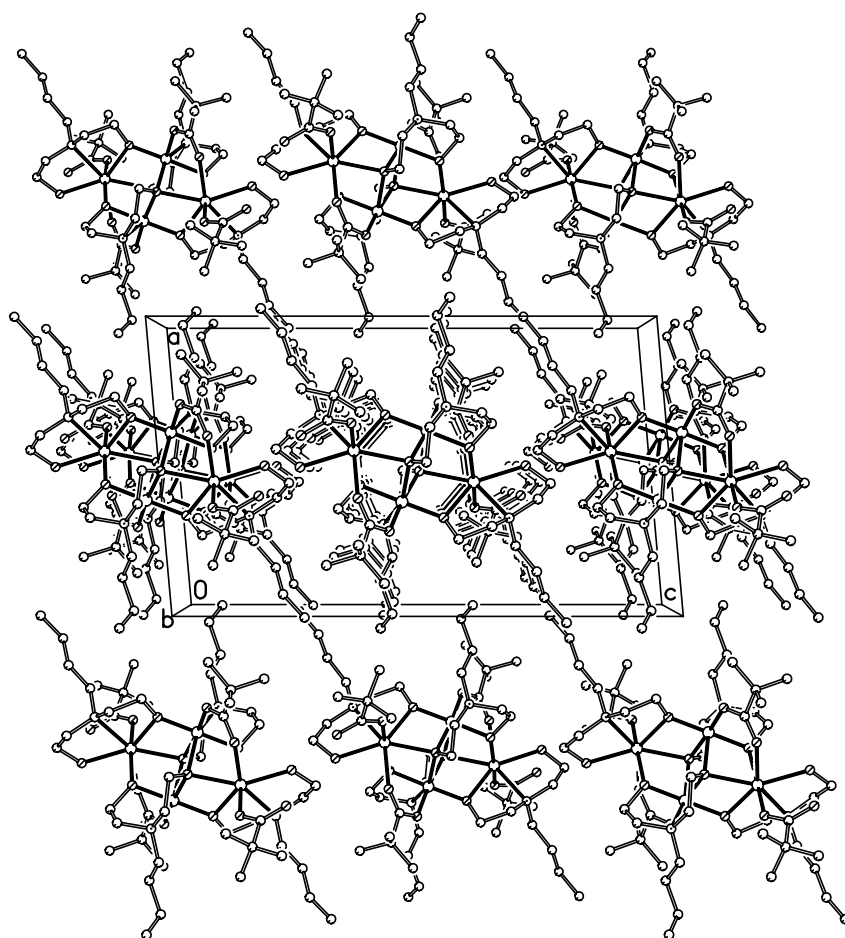
Supplementary material for:

Enhancing Single Molecule Magnet parameters. Synthesis, crystal structures and magnetic properties of mixed-valent Mn₄ SMMs.

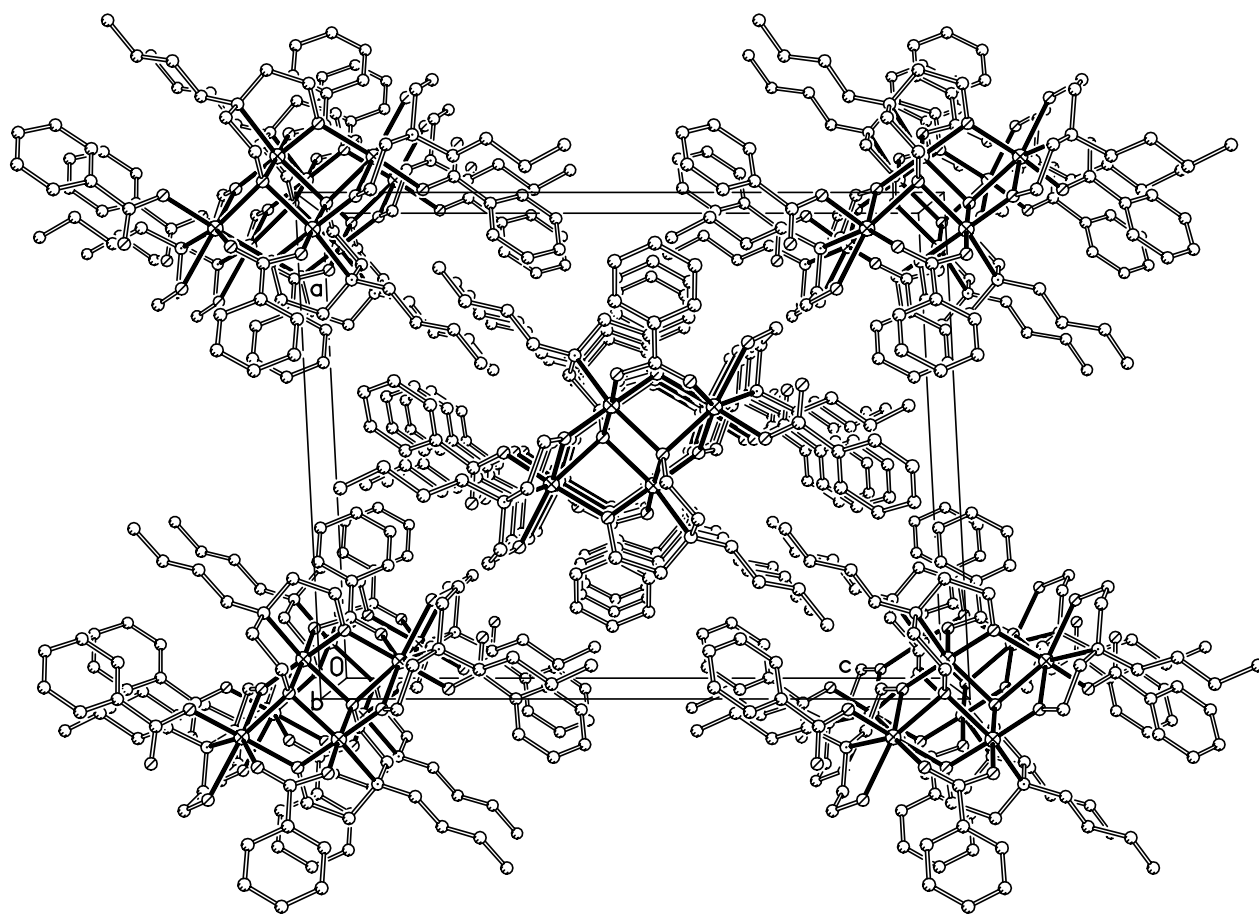
**Ayuk M. Ako^a, Valeriu Mereacre^a, Ian J. Hewitt^a, Rodolphe Clérac^{*b}, Lollita Lecren^b,
Christopher E. Anson^a and Annie K. Powell^{*a}**

^aInstitut für Anorganische Chemie der Universität Karlsruhe, Engesserstr. Geb. 30.45, D-76128, Karlsruhe, Germany. E-mail: powell@chemie.uni-karlsruhe.de; Fax: +49 721 608 8142; Tel: +49 721 608 2135

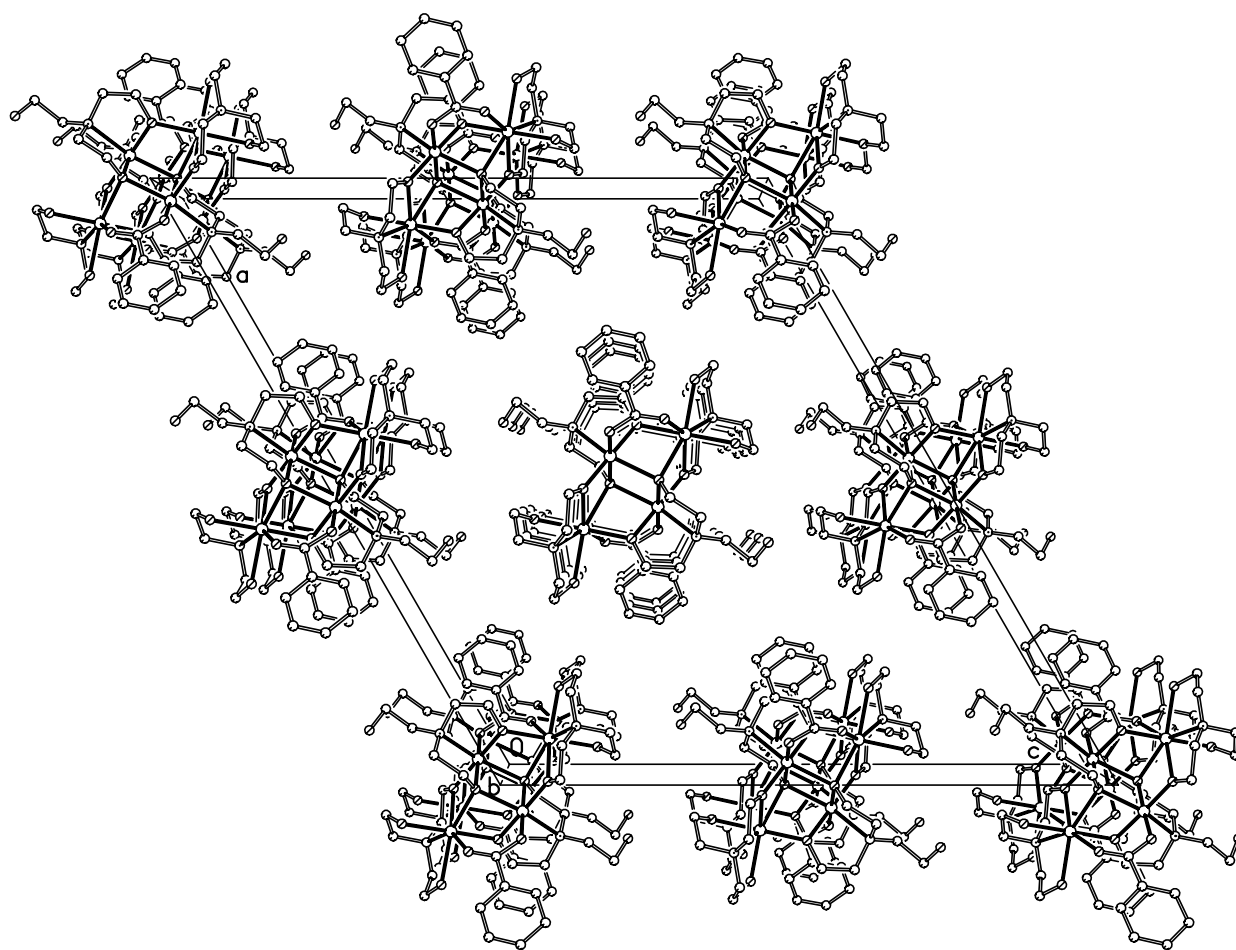
^bCentre de Recherche Paul Pascal, CNRS-UPR 8641, 115 Avenue Dr. A. Schweitzer, 33600, Pessac, France; E-mail: clerac@crpp-bordeaux.cnrs.fr



Packing diagram (viewed down *b*-axis) for complex **1**



Packing diagram (viewed down *b*-axis) for complex **2**



Packing diagram (viewed down *b*-axis) for complex **3** (counter ions and solvent molecules omitted)