

Prof. Dr. David W. H. Rankin

University of Edinburgh
School of Chemistry
West Mains Road
Edinburgh EH9 3JJ
U. K.

Telephone: (+44) 131 650 4728
Telefax: (+44) 131 650 6453
E-Mail: d.w.h.rankin@ed.ac.uk
Homepage: <http://www.ged.chem.ed.ac.uk/>

C₂F₆O₂S₂ CF ₃ SO ₂ SCF ₃	Trifluoromethanesulfonothioic acid trifluoromethyl ester Structure by GED and ab initio calculations <i>S. L. Masters, D. A. Wann, H. E. Robertson, D. W. H. Rankin, A. Ben Altabef et al.</i> Manuscript in preparation
C₆HCl₅ C ₆ HCl ₅	Pentachlorobenzene Structure by ED and liquid crystal NMR spectroscopy <i>R. Blom, D. A. Wann, D. W. H. Rankin et al.</i> Manuscript in preparation.
C₆H₂Cl₄ 1,2,3,4-C ₆ H ₂ Cl ₄	1,2,3,4-Tetrachlorobenzene Structure by ED and liquid crystal NMR spectroscopy <i>R. Blom, D. A. Wann, D. W. H. Rankin et al.</i> Manuscript in preparation.
C₆H₁₂F₆Si₂ CF ₃ Me ₂ SiSiMe ₂ CF ₃	1,2-Trifluoromethyl-1,1,2,2-tetramethyldisilane Structure by ED, X-ray diffraction and ab initio calculations, interpretation of Raman spectra <i>S. L. Masters, H. E. Robertson, D. A. Wann, M. Hölbling, K. Hassler, R. Bjornsson, S. Ó. Wallevik and I. Arnason</i> J. Phys. Chem. A, in press
C₇H₁₆Cl₃PSi (tBu)(iPr)PSiCl ₃	(tert-Butyl)(iso-propyl)(trichlorosilyl)phosphine Structure by ED and ab initio calculations <i>E. Seppälä, W.-W. du Mont, S. L. Masters, D. W. H. Rankin, and H. E. Robertson</i> Manuscript in preparation
C₁₀H₂₀N₂ ButN=CHCH=NBut	N,N'-Di-tert-butyl-1,4-diaza-1,3-butadiene Structure by ED and computational methods <i>C. Jones, D. A. Wann, H. E. Robertson, and D. W. H. Rankin</i> Manuscript in preparation.
C₁₁H₃₀Br₂Si₄ C(SiMe ₃) ₂ (SiMe ₂ Br) ₂	Bis(bromodimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Bätz, M. S. Robinson, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> J. Phys. Chem. A, in press
C₁₁H₃₀Cl₂Si₄ (Me ₃ Si) ₂ C(SiClMe ₂) ₂	Bis(chlorodimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Bätz, M. S. Robinson, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> J. Phys. Chem. A, in press
C₁₁H₃₂Si₄ C(SiMe ₃) ₂ (SiMe ₂ H) ₂	Bis(dimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Bätz, M. S. Robinson, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> J. Phys. Chem. A, in press
C₁₂Fe₃O₁₂	Dodecacarbonyltriiron Structure by ED and ab initio calculations

$\text{Fe}_3(\text{CO})_{12}$	<i>G. R. Kafka, S. L. Masters, D. W. H. Rankin et al.</i> Manuscript in preparation.
	Apparatus development York time-averaged electron diffractometer <i>M. H. P. Ardebili, R. S. Fender, M. A. D. Fluendy, S. A. Hayes, P. D. Lane, S. L. Masters, R. J. Mawhorter, J. P. F. Nunes, P. Papathomas, D. W. H. Rankin, C. D. Rankine, D. A. Wann, and S. Young</i> Manuscript in preparation