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CCl₂NOP Cl ₂ PNCO	Dichlorophosphanlyl isocyanate Spectroscopy, conformation and molecular structure in the gas and solid state <i>D. Li, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, H. Willner, and X. Zeng</i> Phys. Chem. Chem. Phys., 18 (2016) 266245
CCl₂O₃S ClC(O)OSO ₂ Cl	Chlorosulfonyl chloroformate Gas-phase structure and conformations (GED) <i>R. M. Romano, J. Schwabedissen, X. Zeng, N. W. Mitzel, and C. O. Della Védova</i> Manuscript in preparation
CN₄O₈ C(NO ₂) ₄	Tetranitromethane Structure by GED (4-dimensional dynamic model) and solution of the high and low temperature phases by X-ray crystallography <i>Yu. V. Vishnevskiy, D. Tikhonov, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, B. Krumm, and T. M. Klapötke</i> Manuscript in preparation
C₂Cl₂FNS Cl ₂ FCSCN	Dichlorofluoromethyl thiocyanate Gas and crystal structure <i>Y. Berrueta Martínez, L. S. R. Pirani, S. Lucas, M. F. Erben, R. Böse, C. G. Reuter, Yu. V. Vishnevskiy, N. W. Mitzel, and C. O. Della Védova</i> J. Mol. Struct., 1132 (2016) 175
C₂Cl₃NS Cl ₃ C-SCN	Trichloromethyl thiocyanate Structure and conformation by GED and XRD <i>Y. Berrueta Martínez, L. S. R. Pirani, M. F. Erben, R. Böse, C. G. Reuter, Yu. V. Vishnevskiy, N. W. Mitzel, and C. O. Della Védova</i> ChemPhysChem, 17 (2016) 1463
C₃F₆O C ₂ F ₅ C(O)F	Perfluoropropanyl fluoride Structural analysis in gas, liquid and solid phases <i>Y. Berrueta Martínez, C. G. Reuter, Yu. V. Vishnevskiy, Y. B. Bava, A. L. Picone, R. M. Romano, H.-G. Stammler, B. Neumann, N. W. Mitzel, and C. O. Della Védova</i> J. Phys. Chem. A, 120 (2016) 2420
C₃H₂F₄	2,3,3,3-Tetrafluoropropene Structures by GED, XRD and electron density

$\text{CF}_3\text{-C(F)=CH}_2$	<i>J. Schwabedissen, Yu. V. Vishnevskiy, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
$\text{C}_3\text{H}_2\text{F}_4$ $\text{CF}_3\text{-C(H)=CHF}$	trans-1,3,3,3-Tetrafluoropropene Structures by GED, XRD and electron density <i>J. Schwabedissen, Yu. V. Vishnevskiy, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
$\text{C}_3\text{N}_2\text{O}_3$ O=C(NCO)_2	Carbonyl diisocyanate Synthesis and Structures in solid and gas phase <i>T. M. Klapötke, B. Krumm, S. Rest, R. Scharf, J. Schwabedissen, H.-G. Stammler, and N. W. Mitzel</i> <i>J. Phys. Chem. A</i> , 120 (2016) 4534
$\text{C}_4\text{H}_5\text{Cl}_3\text{O}$ $\text{CH}_3\text{-C(O)-CH}_2\text{-Cl}_3$	2,2,2-Trichloroethyl acetate Structure and bonding by GED and computational methods <i>S. Blomeyer, C. G. Reuter, D. M. Gil, M. E. Tuttolomondo, A. B. Altabef, and N. W. Mitzel</i> <i>Z. Naturforsch. B</i> , 71 (2016) 1253
$\text{C}_{10}\text{H}_{11}\text{F}_3\text{Se}$ $(\text{C}_6\text{H}_5)(\text{CH}_2)_3\text{SeCF}_3$	(3-Phenylpropyl)(trifluoromethyl)selenium Structure and conformational analysis by GED and quantum-chemical calculations <i>T. Glodde, Yu. V. Vishnevskiy, J. Schwabedissen, and N. W. Mitzel</i> Manuscript in preparation
$\text{C}_{15}\text{H}_{11}\text{F}_5$ $\text{F}_5\text{C}_6\text{-(CH}_2)_3\text{-Ph}$	1-Perfluorophenyl-3-phenylpropane Structures by GED and XRD <i>S. Blomeyer, M. Linnemannstoens, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
$\text{C}_{16}\text{H}_{15}\text{F}_5\text{Si}$ $\text{F}_5\text{C}_6\text{-(CH}_2)_2\text{-SiMe}_2\text{-Ph}$	Dimethyl(perfluorophenyl)(phenethyl)silane Structure by GED <i>S. Blomeyer, M. Linnemannstöns, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
$\text{C}_{16}\text{H}_{15}\text{F}_5\text{Si}$ $\text{F}_5\text{C}_6\text{-SiMe}_2\text{-(CH}_2)_2\text{-Ph}$	Dimethyl(2-(phenyl)ethyl)(perfluorophenyl)silane Structures by GED and XRD <i>S. Blomeyer, M. Linnemannstöns, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
$\text{C}_{18}\text{BF}_{15}$ $\text{B(C}_6\text{F}_5)_3$	Tris(pentafluorophenyl)borane Gas-phase structure <i>L. A. Körte, S. Blomeyer, J. Schwabedissen, M. Soffner, C. G. Reuter, B. Neumann, and N. W. Mitzel</i> Manuscript in preparation
$\text{C}_{21}\text{BF}_{21}$ $\text{B(C}_6\text{F}_4\text{CF}_3)_3$	Tris(heptafluorotolyl)borane Gas and solid phase structures (GED and XRD) <i>L. A. Körte, S. Blomeyer, J. Schwabedissen, M. Soffner, C. G. Reuter, B. Neumann, and N. W. Mitzel</i> Manuscript in preparation
$\text{C}_{26}\text{H}_{34}\text{O}_2$ $(\text{C}_{13}\text{H}_{17}\text{O})_2$	6,6'-Bis(3-oxadamantane) Structure by GED+MW and XRD <i>J. Anthony, R. J. F. Berger, S. Blomeyer, L. V. Chernish, A. A. Fokin, S. Grimme, C. Logemann, N. W. Mitzel, A. E. Pashenko, C. Perez, M. Schnell, P. R. Schreiner, Yu. V. Vishnevskiy, and T. S. Zhuk</i> Manuscript in preparation
$\text{C}_{28}\text{H}_{38}$	1,1'-Bis(diamantane) Structure by GED and XRD

$(C_{14}H_{19})_2$	<p><i>J. Anthony, R. J. F. Berger, S. Blomeyer, L. V. Chernish, A. A. Fokin, S. Grimme, C. Logemann, N. W. Mitzel, A. E. Pashenko, C. Perez, M. Schnell, P. R. Schreiner, Yu. V. Vishnevskiy, and T. S. Zhuk</i> Manuscript in preparation</p>
$Cl_2O_5S_2$ $ClS(O)_2OS(O)_2Cl$	<p>Pyrosulfuryl dichloride Conformational composition, molecular structure in solid state and gasphase and electron density <i>R. M. Romano, J. Schwabedissen, H.-G. Stammer, N. W. Mitzel, and C. O. Della Védova</i> Manuscript in preparation</p>
	<p>http://molwiki.org Molwiki is a free encyclopaedia, mainly focused on molecular structure and dynamics. Molwiki is open to contributions of all scientists interested in these topics.</p>