

**Prof. Dr. Norbert W. Mitzel**

Dr. Yury V. Vishnevskiy  
 Dr. Christian G. Reuter  
 Sebastian Blomeyer  
 Jan Schwabedissen  
 Timo Glodde  
 Universität Bielefeld  
 Inorganic Chemistry and Structural Chemistry  
 Universitätsstr. 25  
 D-33615 Bielefeld  
 Germany

Telephone: (+49) 521-106-6182  
 Telefax: (+49) 521-106-6026  
 E-Mail: mitzel@uni-bielefeld.de  
 yury.vishnevskiy@uni-bielefeld.de  
 sebastian.blomeyer@uni-bielefeld.de  
 jschwabedissen1@uni-bielefeld.de  
 t.glodde@uni-bielefeld.de

Homepage: <http://www.uni-bielefeld.de/chemie/arbeitsbereiche/ac3-mitzel/>

<b>CCl<sub>2</sub>NO<sub>2</sub>P</b> Cl <sub>2</sub> P(O)NCO	<b>Dichlorophosphoryl isocyanate</b> Structure and conformational analysis by GED, structure by XRD <i>J. Schwabedissen, D. Li, C. G. Reuter, H.-G. Stammler, N. W. Mitzel, E. Bernardt, and X. Zeng</i> Manuscript in preparation
<b>CCl<sub>2</sub>O<sub>3</sub>S</b> ClC(O)OSO <sub>2</sub> Cl	<b>Chlorosulfonyl chloroformate</b> Structure by GED <i>J. Schwabedissen, N. W. Mitzel, and C. O. Della Védova</i> Manuscript in preparation
<b>CF<sub>2</sub>NOPS</b> F <sub>2</sub> P(S)NCO	<b>Difluorothiophosphoryl isocyanate</b> Structure by GED and XRD <i>P. C. Trapp, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, and X. Zeng</i> Work in progress
<b>CN<sub>4</sub>O<sub>8</sub></b> C(NO <sub>2</sub> ) <sub>4</sub>	<b>Tetranitromethane</b> Structure by GED (4-dimensional dynamic model); solution of the high and low temperature phases by X-ray crystallography (XRD) <i>Yu. V. Vishnevskiy, D. Tikhonov, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, B. Krumm, and T. M. Klapötke</i> <i>Angew. Chem. Int. Ed.</i> , <b>56</b> (2017) 9619
<b>C<sub>2</sub>Cl<sub>2</sub>FNS</b> Cl <sub>2</sub> FCSCN	<b>Dichlorofluoromethyl thiocyanate</b> Structure and conformational analysis by GED; structure by XRD <i>Y. Berrueta Martínez, L. S. Rodríguez Pirani, M. F. Erben, R. Boese, C. G. Reuter, Yu. V. Vishnevskiy, N. W. Mitzel, and C. O. Della Védova</i> <i>J. Mol. Struct.</i> , <b>1132</b> (2017) 175
<b>C<sub>3</sub>H<sub>2</sub>F<sub>4</sub></b> F <sub>3</sub> CC(F)=CH <sub>2</sub>	<b>2,3,3,3-Tetrafluoropropene</b> Structure by GED; structure and electron density by XRD <i>J. Schwabedissen, Yu. V. Vishnevskiy, T. Glodde, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
<b>C<sub>3</sub>H<sub>2</sub>F<sub>4</sub></b> F <sub>3</sub> CC(H)=CHF	<b>trans-1,3,3,3-Tetrafluoropropene</b> Structure by GED; structure and electron density by XRD <i>J. Schwabedissen, Yu. V. Vishnevskiy, T. Glodde, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
	<b>Pyrazinamide</b>

<b>C<sub>5</sub>H<sub>5</sub>N<sub>3</sub>O</b> C <sub>4</sub> N <sub>2</sub> H <sub>3</sub> -C(O)NH <sub>2</sub>	Structure by GED <i>D. S. Tikhonov, Yu. V. Vishnevskiy, A. N. Rykov, O. E. Grikina, and L. S. Khaikin</i> J. Mol. Struct., <b>1132</b> (2017) 20
<b>C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>Se</b> Ph-(CH <sub>2</sub> ) <sub>3</sub> -Se-CF <sub>3</sub>	<b>(3-Phenylpropyl)(trifluoromethyl)selenium</b> Structure and conformational analysis by GED and microwave spectroscopy (GED+MW); structure by XRD <i>T. Glodde, Yu. V. Vishnevskiy, J. Schwabedissen, C. Pérez, M. Schnell and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>12</sub>F<sub>10</sub>Se<sub>2</sub></b> [(C <sub>6</sub> F <sub>5</sub> )Se] <sub>2</sub>	<b>1,2-Bis(pentafluorophenyl)diselenide</b> Structure and conformational analysis by GED; structure by XRD <i>T. Glodde, B. Neumann, and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>15</sub>H<sub>11</sub>F<sub>5</sub>Se</b> Ph-(CH <sub>2</sub> ) <sub>3</sub> -Se-C <sub>6</sub> F <sub>5</sub>	<b>(3-Phenylpropyl)(pentafluorophenyl)selenium</b> Structure and conformational analysis by GED; structure by XRD <i>T. Glodde, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>15</sub>H<sub>11</sub>F<sub>5</sub></b> Ph-(CH <sub>2</sub> ) <sub>3</sub> -C <sub>6</sub> F <sub>5</sub>	<b>1-Perfluorophenyl-3-phenylpropane</b> Structure and conformational analysis by GED; structure by XRD <i>S. Blomeyer, M. Linnemannstöns, J. H. Nissen, J. Paulus, B. Neumann, H.-G. Stammler, and N. W. Mitzel</i> Angew. Chem. Int. Ed., <b>56</b> (2017) 13259
<b>C<sub>16</sub>H<sub>15</sub>F<sub>5</sub>Si</b> Ph-SiMe <sub>2</sub> -(CH <sub>2</sub> ) <sub>2</sub> -C <sub>6</sub> F <sub>5</sub>	<b>Dimethyl(perfluorophenyl)(phenethyl)silane</b> Structure and conformational analysis by GED <i>S. Blomeyer, M. Linnemannstöns, J. H. Nissen, J. Paulus, B. Neumann, H.-G. Stammler, and N. W. Mitzel</i> Angew. Chem. Int. Ed., <b>56</b> (2017) 13259
<b>C<sub>16</sub>H<sub>15</sub>F<sub>5</sub>Si</b> Ph-(CH <sub>2</sub> ) <sub>2</sub> -SiMe <sub>2</sub> -C <sub>6</sub> F <sub>5</sub>	<b>Dimethyl(2-(phenyl)ethyl)(perfluorophenyl)silane</b> Structure and conformational analysis by GED; structure by XRD <i>S. Blomeyer, M. Linnemannstöns, J. H. Nissen, J. Paulus, B. Neumann, H.-G. Stammler, and N. W. Mitzel</i> Angew. Chem. Int. Ed., <b>56</b> (2017) 13259
<b>C<sub>18</sub>BF<sub>15</sub></b> B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub>	<b>Tris(pentafluorophenyl)borane</b> Structure by GED <i>L. A. Körte, J. Schwabedissen, M. Soffner, S. Blomeyer, C. G. Reuter, Yu. V. Vishnevskiy, B. Neumann, H.-G. Stammler, and N. W. Mitzel</i> Angew. Chem. Int. Ed., <b>56</b> (2017) 8578
<b>C<sub>21</sub>BF<sub>21</sub></b> B(C <sub>7</sub> F <sub>7</sub> ) <sub>3</sub>	<b>Tris(heptafluorotolyl)borane</b> Structure by GED and XRD <i>L. A. Körte, J. Schwabedissen, M. Soffner, S. Blomeyer, C. G. Reuter, Yu. V. Vishnevskiy, B. Neumann, H.-G. Stammler, and N. W. Mitzel</i> Angew. Chem. Int. Ed., <b>56</b> (2017) 8578
<b>C<sub>24</sub>H<sub>26</sub>Si<sub>2</sub></b>	<b>1,8-Bis[(trimethylsilyl)ethynyl]anthracene</b> Structure by GED and XRD <i>A. A. Otlyotov, J.-H. Lamm, S. Blomeyer, N. W. Mitzel, V. V. Rybkin, Yu. A. Zhabanov, N. V. Tverdova, N. I. Giricheva, and G. V. Girichev</i> Phys. Chem. Chem. Phys., <b>19</b> (2017) 13093
<b>C<sub>26</sub>H<sub>34</sub>O<sub>2</sub></b>	<b>6,6'-Bis(3-oxadamantane)</b> Structure by GED+MW and XRD

$(C_{13}H_{17}O)_2$	<p>A. A. Fokin, T. S. Zhuk, S. Blomeyer, C. Pérez, L. V. Chernish, A. E. Pashenko, J. Antony, Yu. V. Vishnevskiy, R. J. F. Berger, S. Grimme, C. Logemann, M. Schnell, N. W. Mitzel, and P. R. Schreiner</p> <p>J. Am. Chem. Soc., <b>139</b> (2017) 16696</p>
$C_{28}H_{38}$ $(C_{14}H_{19})_2$	<p><b>1,1'-Bis(diamantane)</b>  Structure by GED</p> <p>A. A. Fokin, T. S. Zhuk, S. Blomeyer, C. Pérez, L. V. Chernish, A. E. Pashenko, J. Antony, Yu. V. Vishnevskiy, R. J. F. Berger, S. Grimme, C. Logemann, M. Schnell, N. W. Mitzel, and P. R. Schreiner</p> <p>J. Am. Chem. Soc., <b>139</b> (2017) 16696</p>
$Cl_2O_5S_2$ $CIS(O)_2OS(O)_2Cl$	<p><b>Pyrosulfuryl dichloride</b>  Structure and conformational analysis by GED; structure and electron density by XRD</p> <p>R. M. Romano, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, A. Moreno Betancourt, R. M. Romano, H. Beckers, H. Willner, and C. O. Della Védova</p> <p>Manuscript in preparation</p>
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