

*Localized and Delocalized Chemical Bonding in the Compounds CaNiGe<sub>2</sub>, SrNiGe<sub>2</sub>, and SrNiSn<sub>2</sub>*

V. Hlukhyy, S. Eck, T. F. Fässler, *Inorg. Chem.*, 45 (2006) 7408-7416.

*Condensation of [Si<sub>3</sub>O<sub>9</sub>]<sup>6-</sup> anions in the solid state to the dimeric cyclotrisilicate anion [Si<sub>6</sub>O<sub>17</sub>]<sup>10-</sup>*

S. Hoffmann, T. F. Fässler; *Inorg. Chem.*, 45 (2006), 7968-7972.

*Crystal structure and properties of MgCo<sub>4</sub>Ge<sub>6</sub>*

Ch. Gieck, M. Schreyer, T. F. Fässler, F. Raif, P. Claus, *Eur. J. Inorg. Chem.*, (2006), 3482 - 3488.

$\infty^2 [K_4Pb_9] - A Low Dimensional Arrangement of [Pb<sub>9</sub>]<sup>4-</sup> Clusters in [K(18-crown-6)]_2K_2Pb_9 \bullet (en)_1$

L. Yong, S. D. Hoffmann, T. F. Fässler, *Inorg. Chim. Acta*, 359 (2006) 4774-4778.

*Ca<sub>7</sub>Co<sub>8</sub>Sn<sub>25</sub> - Ca<sub>3</sub>Co<sub>4</sub>Sn<sub>13</sub> revised*

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*First Synthesis of Group-14 Polyanions by Extraction of a Binary Alloy with DMF and a Novel Conformation of the (Ge<sub>9</sub>-Ge<sub>9</sub>)<sup>6-</sup>Dimer: Crystal Structures of [K<sub>6</sub>(Ge<sub>9</sub>-Ge<sub>9</sub>)](dmf)<sub>12</sub>, [Rb<sub>6</sub>(Ge<sub>9</sub>-Ge<sub>9</sub>)](dmf)<sub>12</sub> and [K<sub>2.5</sub>Cs<sub>3.5</sub>(Ge<sub>9</sub>-Ge<sub>9</sub>)](dmf)<sub>12</sub>.*

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P. Claus, F. Raif, S. Cavet, S. Cemirel-Gülen, J. Radnik, M. Schreyer, T. F. Fässler, *Catalysis Communications* 7 (2006) 818-822.

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A. Spiekermann, S. D. Hoffmann, T. F. Fässler, *Angew. Chem.*, 118 (2006) 3538-3541, *Angew. Chem. Int. Ed. Engl.* 45 (2006) 3459-3462.

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T. F. Fässler, *Z. Anorg. Allg. Chem.* 632 (2006) 1125-1129. (Forschungsbericht)

*KBi<sub>2-x</sub>Pb<sub>x</sub> (x ≈ 0.8): A Zintl-Phase Evolving from a Distortion of the Cubic Laves-Phase Structure*

S. Ponou, N. Müller, T. F. Fässler, U. Häussermann, *Inorg. Chem.*, 44 (2005) 7423-7430.

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