

## C1.1 (D. Fenske / A. Eichhöfer / O. Fuhr)

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- [C1.1:4] \* R. Ahlrichs, N.R.M. Crawford, A. Eichhöfer, D. Fenske, O. Hampe, M. Kappes, and J. Olkowska-Oetzel, *Synthesis and Structure of Two Ionic Copper Indium Selenolate Cluster Complexes  $[As(C_6H_5)_4]_2[Cu_6In_4(SeC_6H_5)_{16}Cl_4]$  and  $[As(C_6H_5)_4][Cu_7In_4(SeC_6H_5)_{20}]$* , [Eur. J. Inorg. Chem.](#) **345** (2006)
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- [C1.1:6] ‡ Q.-F. Zhang, Z. Yu, J. Ding, Y. Song, A. Rothenberger, D. Fenske, and W.-H. Leung, *Construction of New Heteroselenometallic Clusters: Formation of Crownlike  $[Et_4N]_4(\mu_5-WSe_4)(CuI)_5(\mu-I)_2$  and Octahedral Polymeric  $[(\mu_6-WSe_4)Cu_5I_4(py)_4]_n$  from Planar  $[Et_4N]_4[(\mu_4-WSe_4)Cu_4I_6]$  with Additional Faces*, [Inorg. Chem.](#) **45**, 5187 (2006)
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- [C1.1:9] M. Shafaei-Fallah, W. Shi, D. Fenske, and A. Rothenberger, *Synthesen und Kristallstrukturen von Übergangsmetallkomplexen mit Dithiophosphinato- und Trithiophosphonator-Liganden*, [Z. Anorg. Allg. Chem.](#) **632**, 1091 (2006)
- [C1.1:10] \* R. Ahlrichs, A. Eichhöfer, D. Fenske, K. May, and H. Sommer, *Molekülstruktur und theoretische Untersuchungen von  $(PPh_4)_2[Bi_{10}Cu_{10}(SPh)_{24}]$* , Angew. Chem. **119**, 8402–8405 (2007); [Angew. Chem. Int. Ed.](#) **46**, 8254 (2007)
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- [C1.1:13] \* P. Sevillano, O. Fuhr, O. Hampe, S. Lebedkin, C. Neiss, R. Ahlrichs, D. Fenske, and M.M. Kappes, *Synthesis, characterization and quantum mechanical calculations of  $[Au_{18}Se_8(dppthph)_6]Cl_2$* , [Eur. J. Inorg. Chem.](#) **5163** (2007)

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- [C1.1:15] D. Fenske, I. Issac, and A. Rothenberger, *Towards Syntheses and Structures of Heterometallic Clusters Containing Tantalum-tetrachalcogenato Building Blocks*, [J. Cluster Science](#) **18**, 19 (2007)
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- [C1.1:18] ‡ O. Fuhr, L. Fernandez-Rezio, A. Castiñeras, and D. Fenske, *Synthese und Struktur der Cluster  $[Cu_{50}Se_{24}(S\text{-thiaz})_2(dppm)_{10}]$  und  $[Cu_{48}Se_{24}S\text{-thiazH})_2(dppm)_{10}]$* , [Z. Anorg. Allg. Chem.](#) **633**, 700 (2007)
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- [C1.1:20] P. Sevillano, O. Fuhr, and D. Fenske, *Synthese und Struktur von  $[Au_{10}Se_5(dppa)_4(Co_2(CO)_5)_4]$* , [Z. Anorg. Allg. Chem.](#) **633**, 1783 (2007)
- [C1.1:21] B. Bechlars, R. Feuerhake, and D. Fenske, *Synthesen und Kristallstrukturen neuer chalcogenido-verbrückter Niob-Kupfer-Cluster*, [Z. Anorg. Allg. Chem.](#) **633**, 2603 (2007)
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- [C1.1:23] ‡ A. Eichhöfer, P.T. Wood, R.N. Viswanath, and R.A. Mole, *Synthesis, structure and physical properties of the manganese(II) selenide/selenolate cluster complexes  $[Mn_{32}Se_{14}(SePh)_{36}(PnPr_3)_4]$  and  $[Na(\text{benzene-15-crown-5})(C_4H_8O)_2]_2[Mn_8Se(SePh)_{16}]$* , [Chem. Commun.](#) 1596 (2008)
- [C1.1:24] ‡ B. Bechlars, I. Issac, R. Feuerhake, R. Clérac, O. Fuhr, and D. Fenske, *Syntheses, Structures and Magnetic Properties of New Chalcogen-Bridged Heterodimetallic Clusters Compounds with Heterocubane Structure*, [Eur. J. Inorg. Chem.](#) 1632 (2008)
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- [C1.1:55] W. Yu, O. Fuhr, and D. Fenske, *Derivatives of Bis(diphenylphosphino)maleic Anhydride as Ligands in Polynuclear Gold(I) Complexes*, [J. Cluster Sci.](#) **23**, 753 (2012)
- [C1.1:56] O. Fuhr, S. Dehnen, and D. Fenske, *Chalcogenide Clusters of Copper and Silver from Silylated Chalcogenide Sources*, [Chem. Soc. Rev.](#) **42**, 1871 (2013)
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### **Invited Talks at International Conferences**

- 10.1. 2009, Sun-Yat Sen- University, Guangzhou, China
- 13.1. 2009, Shenzhen University, Shenzhen, China
- 30. 4. 2009, Technische Hochschule, Gdansk
- 19. 5. 2009: Peking – University, Beijing
- 15. 5. 2009, Beijing University of Chemical Technology
- 22. June to 30. June 2009: Lectures at Anhui Polytec University (Maanshan), University of Science and Technology of China (Nanjing), Souzhou University and Normal University Wuhu
- 29. 7. 2009: Meeting of the Chinese Academy of Science and the Leopoldina, Münster
- 18. 9. 2009: Peking University, Beijing
- 24. 9. 2009: Tsinghua University, Beijing
- 15. 12. 2009: SICC6, Singapore
- 23. 3. 2010: ACS Meeting, San Francisco
- 21. 4. 2010: Oxford University, R. J. P. Williams Lecture
- 30. 4. 2010: Cambridge University: Lewis Lecture
- 22. 6. 2010: UC - Santa Barbara
- 16.12. 2010: Pacifichem 2010
- 19.06.2012: Russian Conference on Cluster Chemistry 2012, Novosibirsk
- 10.09.2012: Lecture at Beijing Institut of Technology (BIT), appointment as Guest Professor
- 13.09.2012: CHINANO 2012, Suzhou
- 27.09.2013: IUMAS-ICAM 2013, Qingdao, China
- 17–19.12.2013: 3 Lectures at Oxford University, appointment as Visiting Professor