

## Inorganic Chemistry / Organometallics

- 1\* Synthesis of 1D  $\{\text{Cu}_6(\mu_3\text{-SC}_3\text{H}_6\text{N}_2)_4(\mu\text{-SC}_3\text{H}_6\text{N}_2)_2(\mu\text{-I})_2\text{I}_4\}_n$  and 3D  $\{\text{Cu}_2(\mu\text{-SC}_3\text{H}_6\text{N}_2)_2(\mu\text{-SCN})_2\}_n$  Polymers with 1, 3-Imidazolidine-2-thione : Bond Isomerism in Polymers , **T. S. Lobana**, Renu Sharma, Geeta Hundal, and R. J. Butcher, **Inorg. Chem.** In press, **2006**
- 2\* Synthesis, Crystal and Molecular Structures of Isomorphous N, S-Bridged  $[\text{Cu}_2(\mu_2\text{-I})_2(\text{PPh}_3)_2(\mu_2\text{-N,S-pymSH})]$  Dimer and S-bonded  $[\text{CuX}(\eta^1\text{-S-pymSH})(\text{PPh}_3)_2]$  Monomers ( X = Cl, Br)  
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- 3 Crystal structures of copper(I) bromo-bridged  $[\text{Cu}_2(\mu_2\text{-Br})_2(\text{SePPh}_3)_2(\text{NCCH}_3)_2]$  and selenium-bridged  $[\text{Cu}_2\text{I}_2((\mu_3\text{-dppm-Se,Se})_2)\cdot 2\text{CH}_3\text{CN}]$  dimeric complexes, **T. S. Lobana**, Pooja, Pooja Mahajan, Ajaypal S. Pannu, Geeta Hundal, and R. J. Butcher, **J. Coord. Chem.** in press (**2006**).
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- 5\* Synthesis, Crystal structures and Multinuclear NMR Spectroscopy of Copper(I) Complexes with benzophenone thiosemicarbazone, **T. S. Lobana**, Sonia Khanna, R. J. Butcher, A. D. Hunter and M. Zeller, **Polyhedron**, 25 (**2006**) 2755-2763
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