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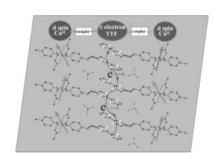
Pages 915-1130

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COVER PICTURE

The cover picture shows the crystal structure of $Cu^{II}(hfac)_2(TTF-py)_2(BF_4)_2$ where hfac is hexafluoroacetylacetonate and TTF-py is 4-(2-tetrathiafulvalenylethenyl)pyridine. This compound is an example arising from a new strategy for the design of new multifunctional materials in which the conducting and magnetic systems are covalently linked through a π -conjugated bridge. A synergy between electron transport and magnetism is produced by long-range magnetic coupling between localized spins through the mobile π -electrons of the conducting networks. Details are discussed in the Microreview by L. Ouahab and T. Enoki on page 933 ff.



MICROREVIEW Contents

933 L. Ouahab,* T. Enoki

Multiproperty Molecular Materials: TTF-Based Conducting and Magnetic Molecular Materials

Keywords: Conducting materials / Magnetic properties / Through-space interactions / Through-bond interactions

