

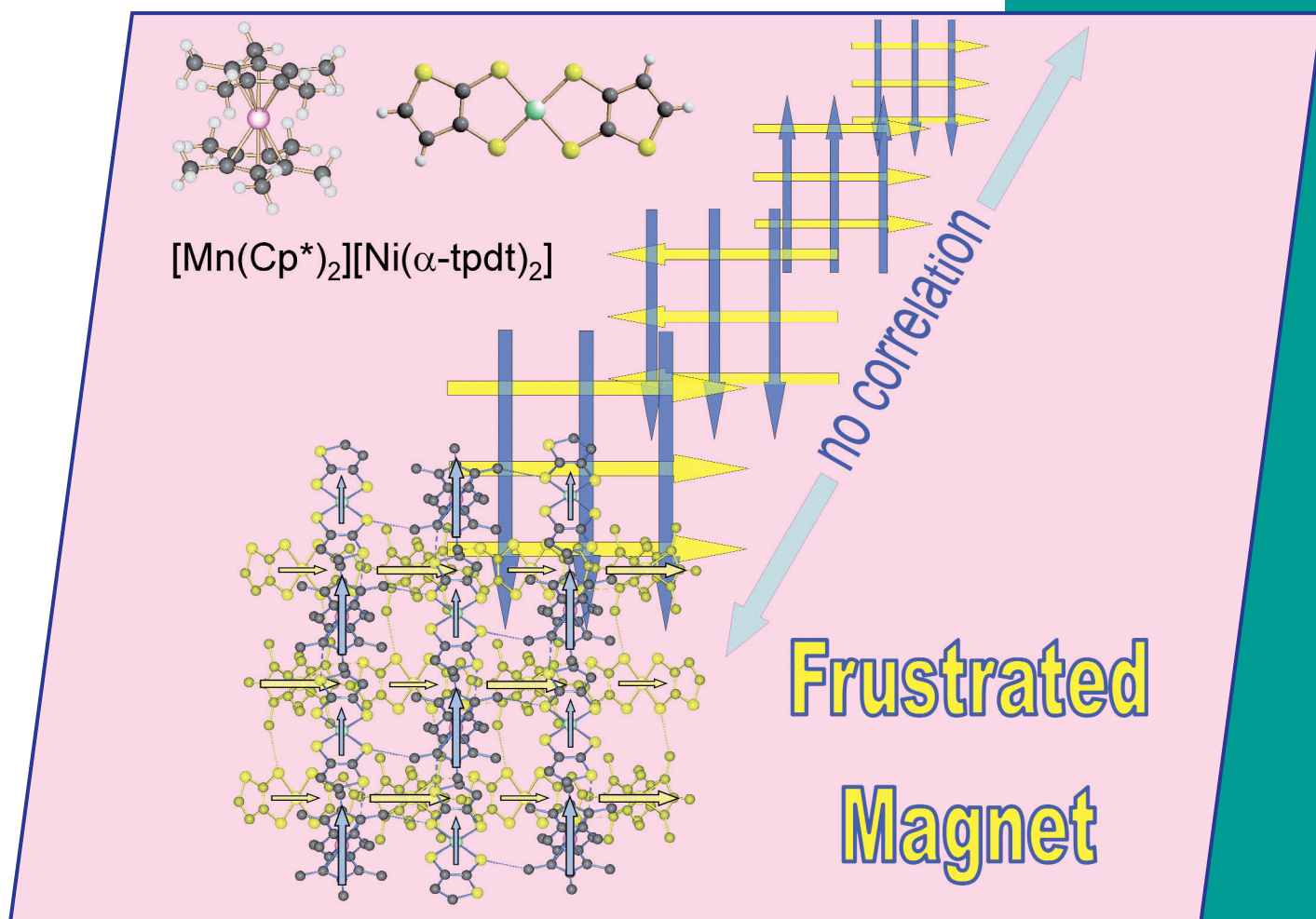
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[34]

Eur. J. Inorg. Chem. 2008, 5297–5428



**Cover Picture**

Manuel Almeida, Vasco Gama *et al.*

$[\text{M}(\text{Cp}^*)_2][\text{Ni}(\alpha\text{-tpdt})_2]$  – Metamagnetism and Magnetic Frustration

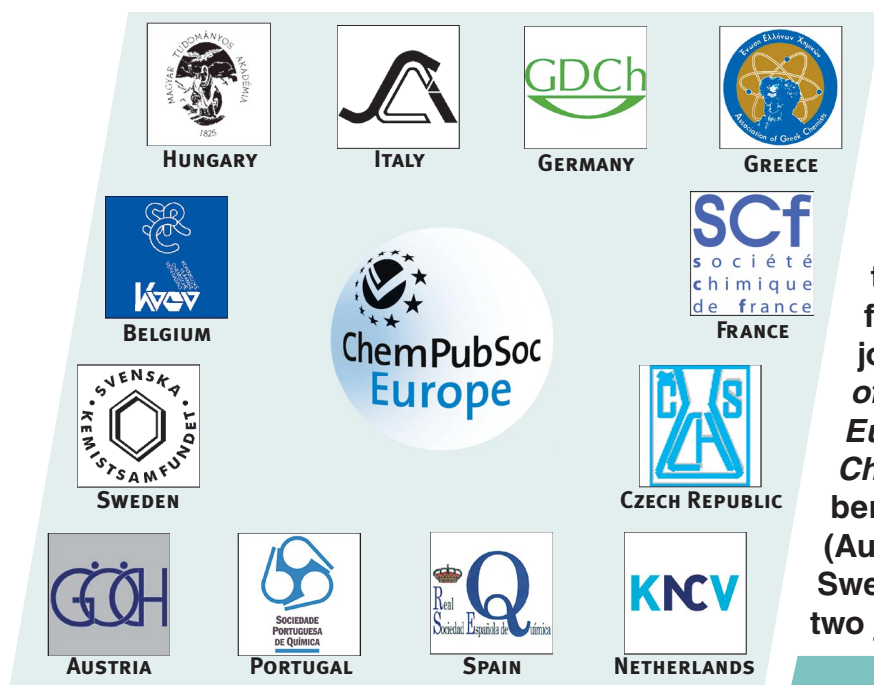
**Microreview**

Antonio Otero *et al.*

Coordination Chemistry of Heteroscorpionate Ligands

 **WILEY-VCH**

[www.eurjic.org](http://www.eurjic.org)



A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

## COVER PICTURE

The cover picture shows the multilayer spin arrangement in  $[\text{Mn}(\text{Cp}^*)_2][\text{Ni}(\alpha\text{-tpdt})_2]$  ( $\alpha\text{-tpdt}$  = 2,3-thiophenedithiolate). The crystal structures of the salts  $[\text{M}(\text{Cp}^*)_2][\text{Ni}(\alpha\text{-tpdt})_2]$  ( $\text{M} = \text{Fe}, \text{Mn}$  and  $\text{Cr}$ ) consist of alternating layers that are composed of arrangements of parallel mixed chains. The chains in neighboring layers are perpendicular. The arrangement between the chains and the magnetic anisotropy of the cations in case of the salt  $[\text{Mn}(\text{Cp}^*)_2][\text{Ni}(\alpha\text{-tpdt})_2]$  lead to a degenerate ground state and to a frustrated magnetic behavior, which can be associated with the absence of long-range order between the ferromagnetic layers. Details are discussed in the article by M. Almeida, V. Gama et al. on p. 5327ff.

