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EurJIC

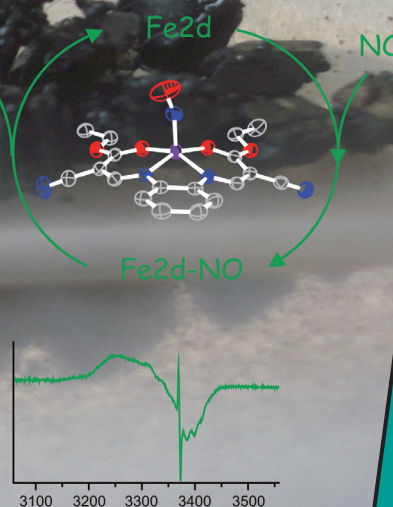
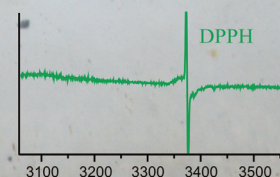
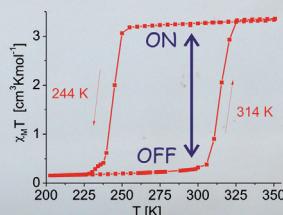
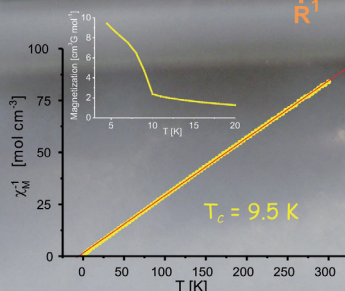
European Journal of
Inorganic Chemistry

Tuneable
model compounds

Molecular
Switches

Molecular
Magnets

FeL =



Cover Picture / Microreview

Birgit Weber and Ernst-G. Jäger

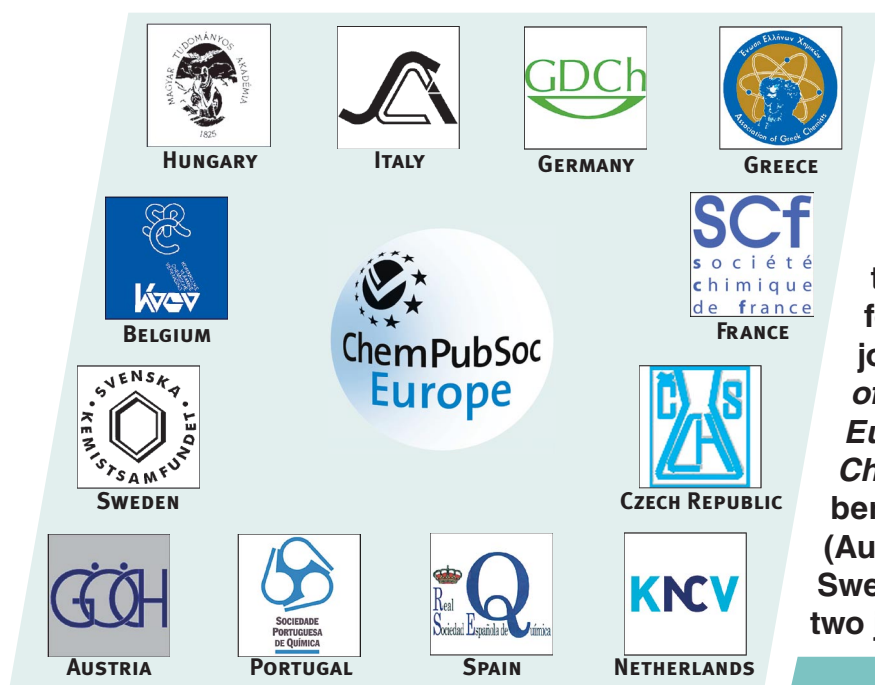
Iron(II/III) Complexes with $N_2O_2^{2-}$ Coordinating Schiff Base Like Ligands

A Journal of



WILEY-VCH

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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 general formula of the iron complexes presented in the Microreview by B. Weber and E.-G. Jäger on p. 465ff with single crystals of one of the complexes in the background. The application of this system ranges over model compounds for biological systems to molecular magnets or molecular switches. The examples show the reversible binding of the biomolecule nitric oxide, a spin-crossover complex with a 70 K wide thermal hysteresis loop around room temperature and an example for spontaneous magnetic ordering below 10 K.

