



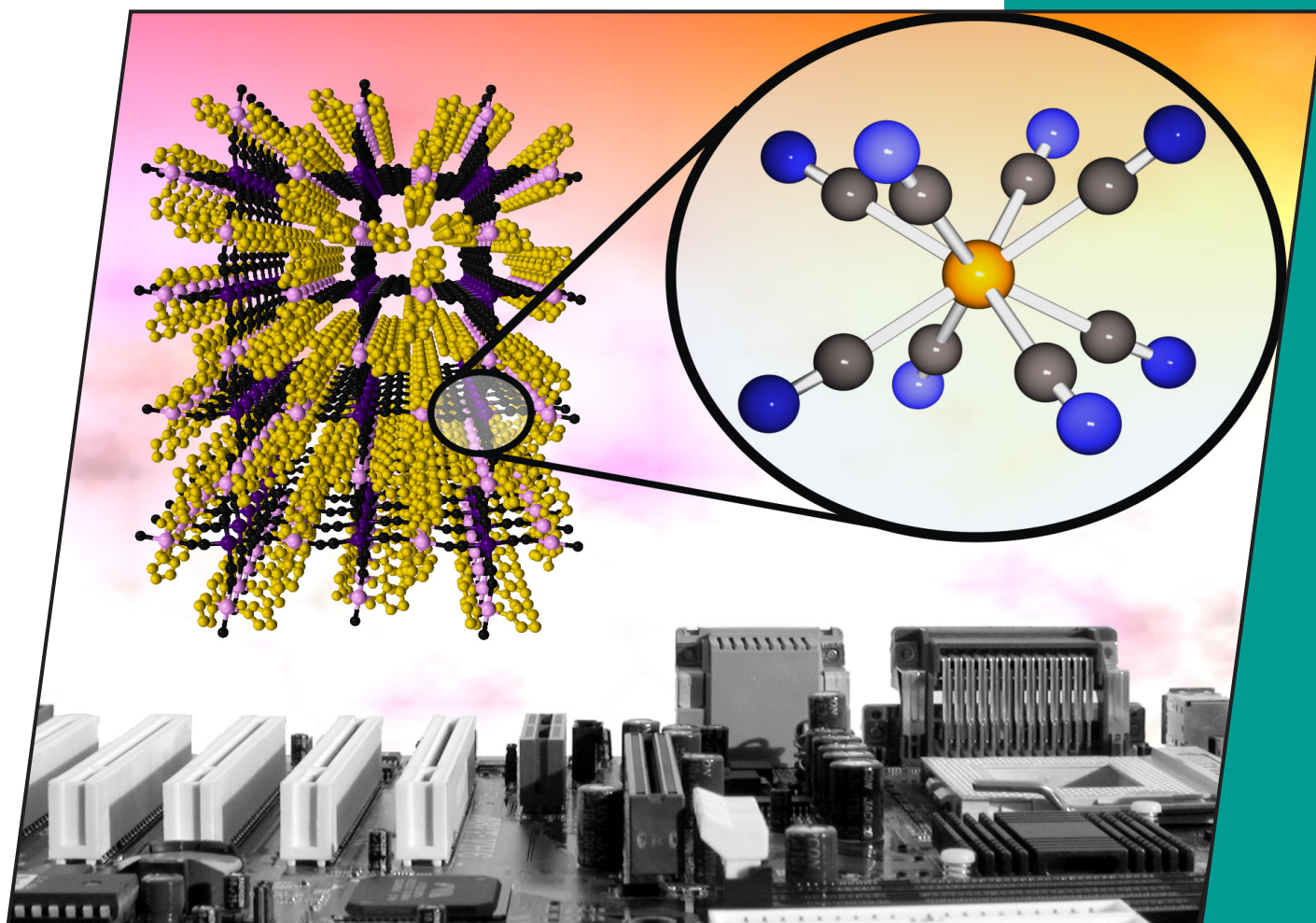
# EurJIC

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**Cover Picture / Microreview**

Barbara Sieklucka et al.

*A Decade of Octacyanides in Polynuclear Molecular Materials*

 **WILEY-VCH**

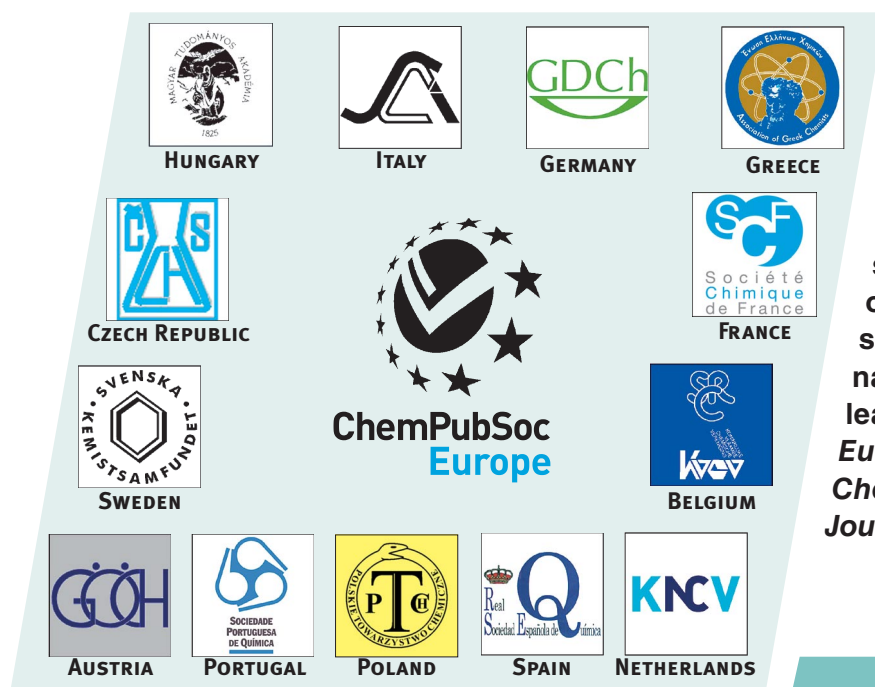
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## COVER PICTURE

The cover picture shows the fragment of the cyanido-bridged framework of a series of 3D isostructural  $\{[M'^{II}(\text{pyrazole})_4]_2[\text{Nb}^{\text{IV}}(\text{CN})_8] \cdot 4\text{H}_2\text{O}\}_n$  ( $M' = \text{Mn, Fe, Co, Ni}$ ) molecular magnets illuminating the landscape of the old-fashioned ABIT-VH6 electronic motherboard. The Microreview by B. Sieklucka et al. on p. 305ff. presents different types of functionality of octacyanidometallate-based assemblies with special attention devoted to the tuning of the magnetic properties by physical and chemical stimuli. Examples of advanced properties comprise single-molecule and single-chain magnets, magnetization-induced second harmonic generation and chirality, spin crossover and luminescence. The potential of development towards addressable, multifunctional molecular materials for future application is discussed.

