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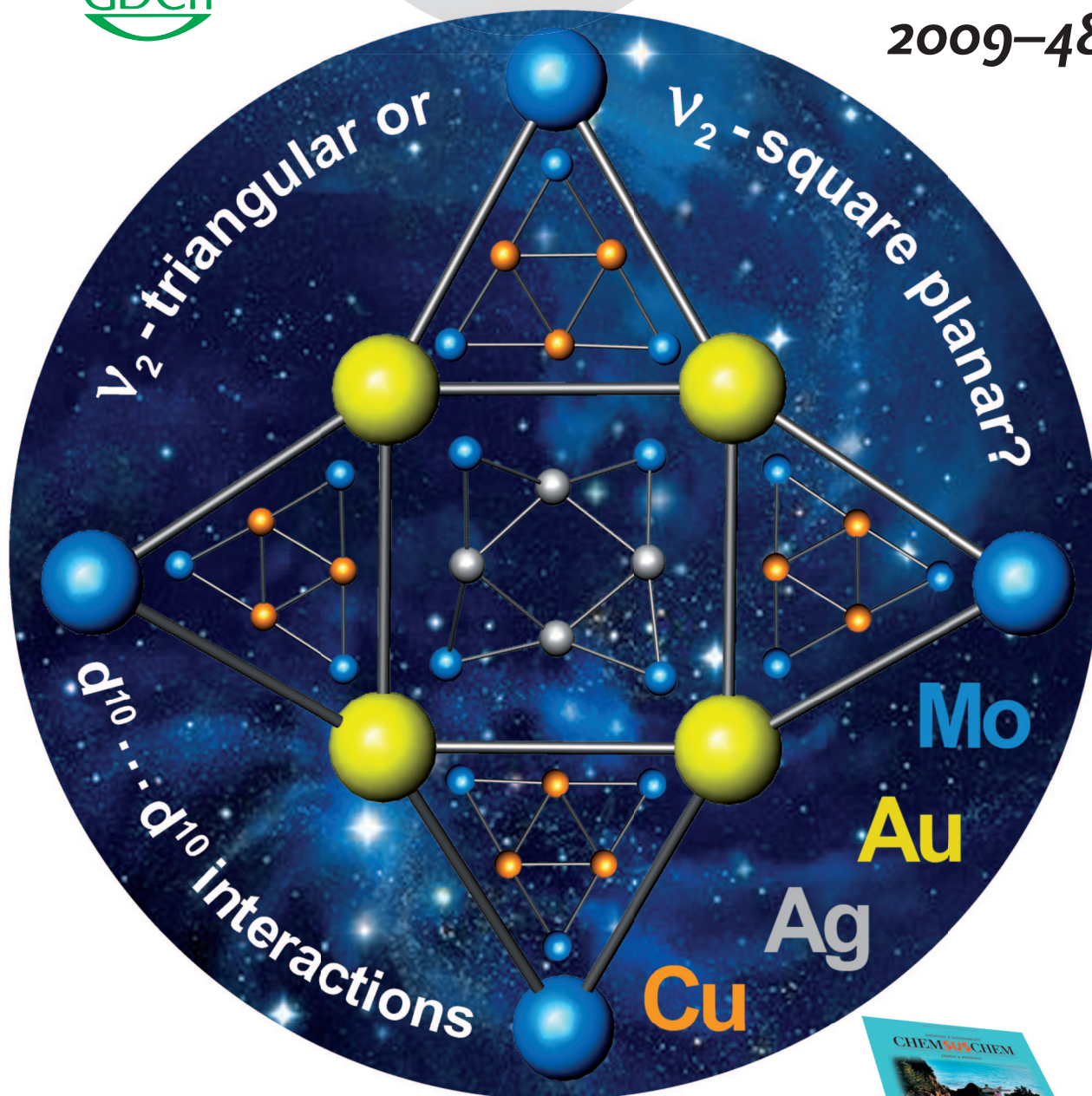
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Functionalization of Indoles

M. Bandini, A. Eichholzer

Chiral Resolution

B. Kaptein and co-workers

β -Chlorovinyl Ketones and Arenes

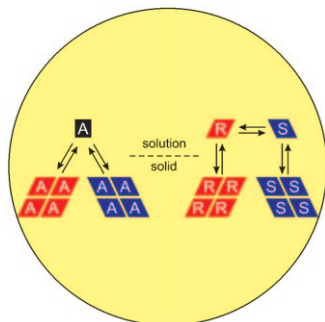
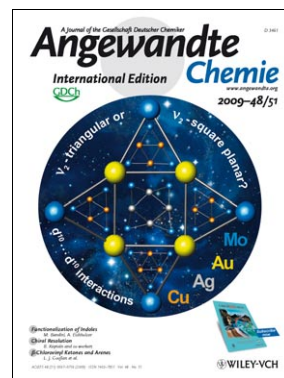
L. J. Goossen et al.



Cover Picture

Sabrina Sculfort, Pierre Croizat, Abdelatif Messaoudi, Marc Bénard,*
Marie-Madeleine Rohmer, Richard Welter, and Pierre Braunstein*

Guilded Rafts can be formed by heterometallic clusters. In their Communication on page 9663 ff., P. Braunstein, M. Bénard et al. describe the synthesis, structure, and theoretical analysis of a unique series of 2D raft mixed-metal clusters of the type $\{M[m]\}_n$ ($M = \text{Cu}$, $n = 3$; $M = \text{Ag}$, Au , $n = 4$; the bridging metalloligand $[m]$ is $\{\text{MoCp}(\text{CO})_3\}$). Intramolecular, metallophilic $d^{10}\cdots d^{10}$ interactions occur in the v_2 -triangular ($M = \text{Cu}$) or v_2 -square ($M = \text{Ag}$, Au) structures of the metal cores.

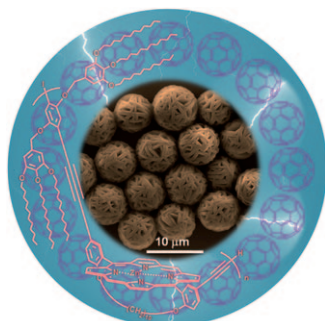
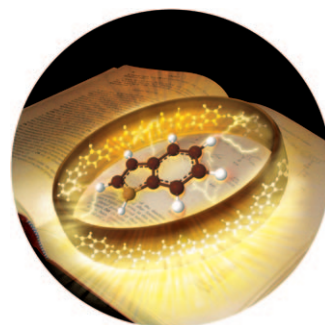


Grinding-Induced Chiral Resolution

The modern methods for transforming racemic conglomerates into enantiomerically pure crystals have their origins in the studies by Ostwald. In the Minireview on page 9600 ff., B. Kaptein et al. describe the development of the technique to its current status.

Functionalization of Indoles

The indole system is ubiquitous in pharmaceuticals, and thus functionalization methods have been eagerly sought. The Review by M. Bandini and A. Eichholzer on page 9608 ff. reports the latest advances in the arylation and alkylation of indoles.



Fullerene Microspheres

In the presence of a porphyrin polymer, unmodified fullerene C_{60} self-assembles to form complex superstructures in a controlled fashion. M. Takeuchi and X. Zhang also propose a mechanism for this process in their Communication on page 9646 ff.