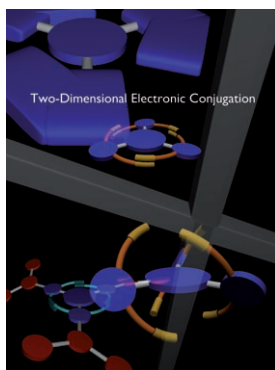
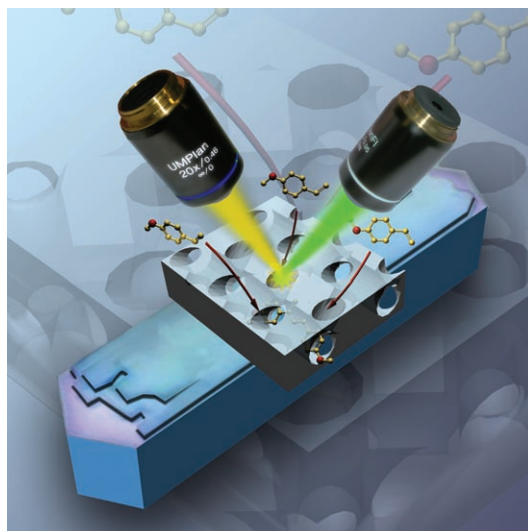


... nonbulky and electron-donating species in zeolite channels! In their Full Paper on page 7057 ff., Bert M. Weckhuysen et al. have demonstrated that the use of combined in-situ optical microspectroscopic and fluorescence microscopic techniques under the same reaction conditions provides very valuable insights into the catalytic processes occurring within a zeolite catalyst particle.

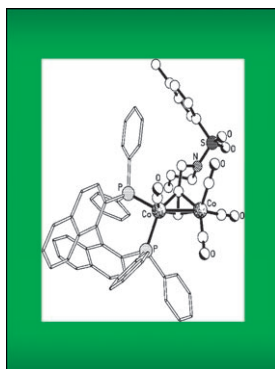
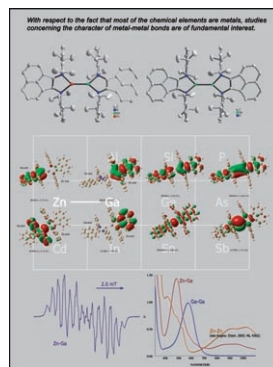


#### Dynamic Electronic Conjugation

In their Concept article on page 7040 ff, D. Lee and E. Opsitnick describe how increasing the spatial dimensionality of electronic conjugation increases structural complexity and allows for integration of additional functionalities for both intra- and intermolecular secondary interactions. Additionally, cooperative noncovalent interactions within inherently dynamic 2D conjugation provided excellent opportunities to gain dynamic control over both the ground- and excited-state electronic properties of structural domains beyond molecular wires.

#### Zinc–Gallium Bonds

In their Full Paper on page 7050 ff., I. L. Fedushkin, H. Schumann et al. report on the synthesis of the first molecular compound containing a Zn–Ga bond. The use of a spin-labeled ligand allowed the confirmation of the presence of Zn–Ga bonding in solution. DFT calculations demonstrate that the Ga and the Zn atom provide different orbital contributions to the metal–metal bond.



#### Asymmetric Catalysis

In their Full Paper on page 7099 ff., S. E. Gibson et al. report on the formation of (binap)(enyne)tetracarbonyldicobalt(0) and their reactivity, which was monitored by variable-temperature  $^{31}\text{P}$  NMR spectroscopy.

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