CHEMISTRY

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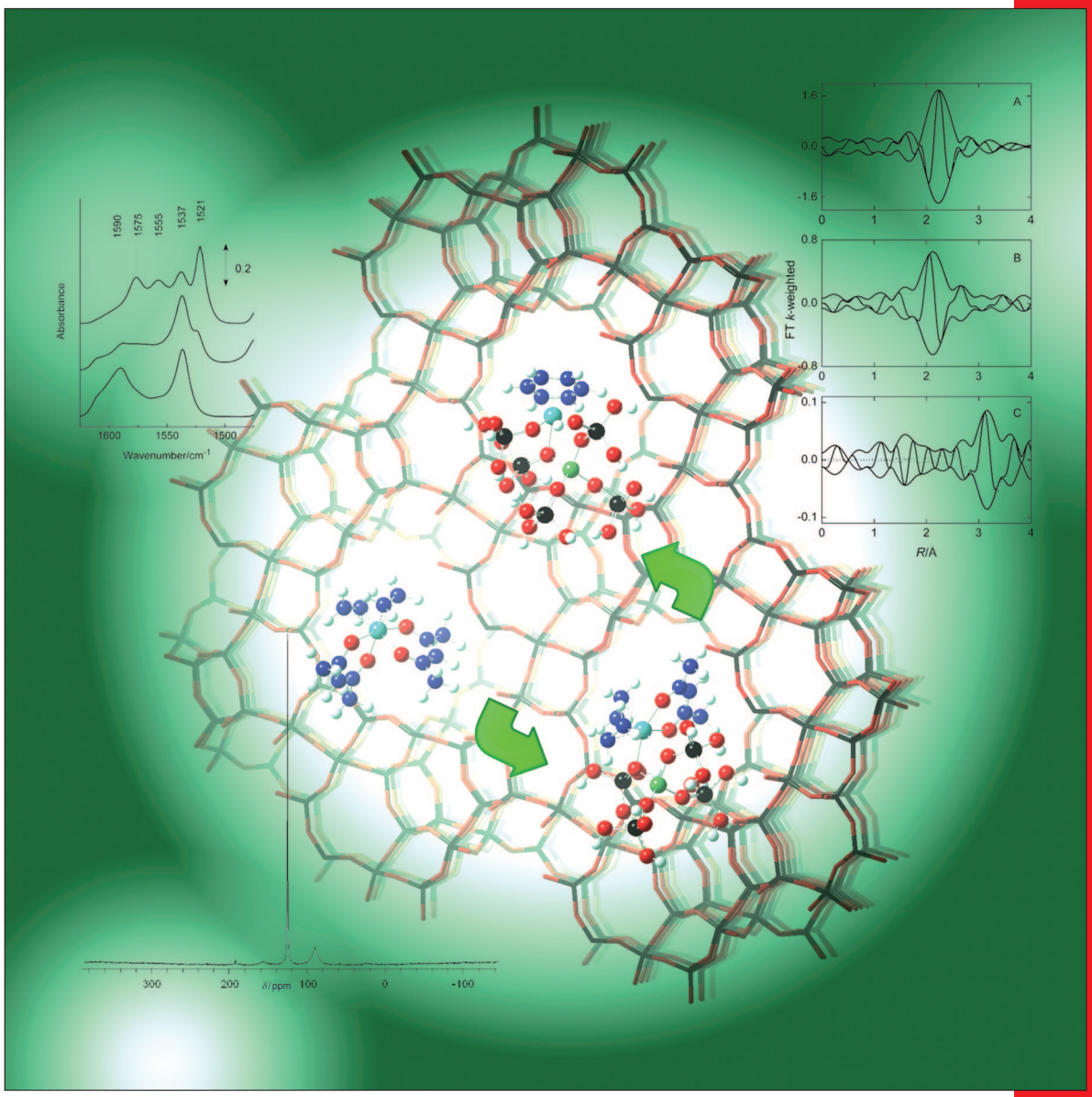

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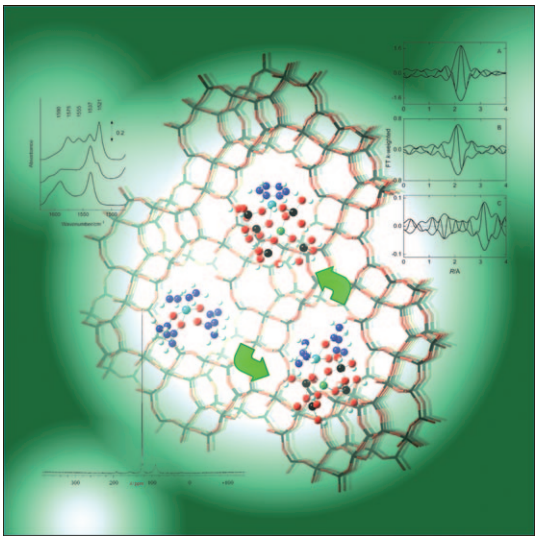
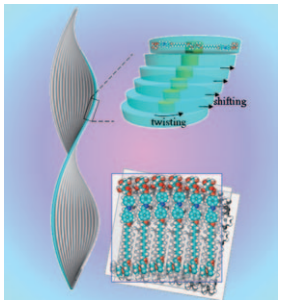
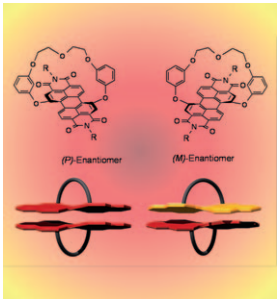
… and density functional theory were used to elucidate the conversion of a zeolite-supported ruthenium complex with one acetylacetonate (acac) and two ethene ligands into a supported ruthenium–benzene complex. The observed and calculated results showed good agreement as a consequence of the high degree of structural uniformity of the zeolite-supported species, which is essentially molecular in character. For more details, see the Full Paper by B. C. Gates, D. A. Dixon et al. on page 7427 ff.

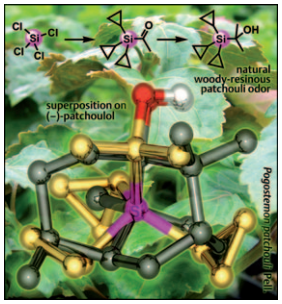




Self-Assembly
In their Communication on page 7385 ff., R.-M. Ho, C.-S. Hsu et al. describe the synthesis and characterization of chiral rod–coil organometallics that develop into ferrocene iron-rich spiral superstructures through self-assembly. This fundamentally new self-assembled superstructure can act as a template for the formation of twisted ferrocene wires.

Chiral Recognition
The synthesis and characterization of configurationally fixed chiral 1,7-diaryloxy-substituted perylene bisimides and resolution of their atropo-enantiomers is decribed by F. Würthner et al. in their Communication on page 7380 ff. They show for the first time that self-recognition prevails over self-discrimination in the π-stacking dimerization of perylene bisimides.





Sila-Substituted Patchouli Odorants
The silicon-based patchouli odorant tricyclopropyl(1-hydroxy-1-methylethyl)silane, described in the Full Paper by R. Tacke, P. Kraft et al. on page 7404 ff., turned out to be the most attractive of a series of differently substituted (1-hydroxy-1-methylethyl)silanes designed as *seco* structures of a *cis*-decalol lead. With an odor detection threshold of 0.14 ng L^{-1} air, it is more potent than the natural (−)-patchoulol and combines a very natural, woody-resinous patchouli odor with a short and simple synthetic access, making it a candidate for the first commercial synthetic patchouli odorant.