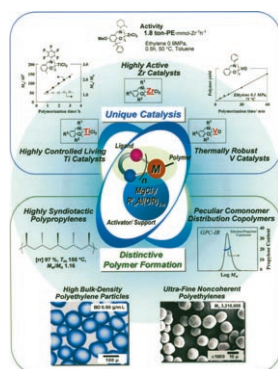
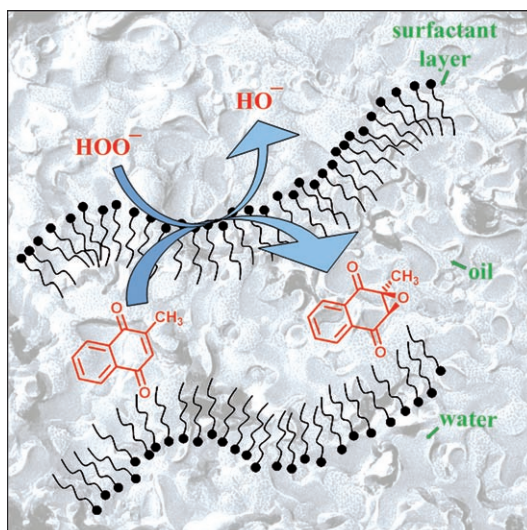


Microemulsions...

... are used by A. Berkessel et al. on pp. 7565 ff. in epoxidation reactions to investigate how these would accelerate the reactions. The model epoxidation reactions involved α,β -unsaturated enones and alkaline hydrogen peroxide in different nonionic microemulsions, both in the presence and absence of a phase-transfer agent (PTA).

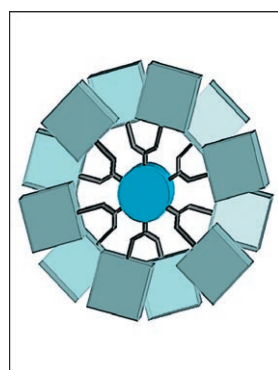
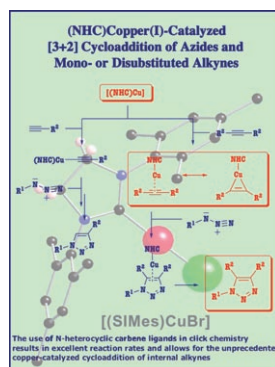


Heterogeneous/Homogeneous Catalysis

In their Concept article on page 7546 ff., T. Fujita et al. report on how they have been able to combine the advantages of homogeneous catalysis with those of heterogeneous catalysis by the combination of transition-metal complexes featuring heteroatom-containing ligands and $MgCl_2$ -based compounds. The $MgCl_2$ activator/support catalyst systems can display unique polymerization catalysis and form distinctive polymers.

Huisgen Cycloaddition Reaction

In their Full Paper on page 7558 ff., S. P. Nolan et al. describe a versatile and highly efficient catalyst for the Huisgen cycloaddition reaction. By using this methodology, extremely high reaction rates and excellent yields were obtained for the formation of a wide variety of triazoles.



Multiporphyrin Dendrimers

In their Full Paper on page 7576 ff., D. Kim, T. Aida et al. describe how the photophysical properties of hexaarylbenzene-anchored polyester zinc(II)-porphyrin dendrimers strongly depend on the molecular structures, which are determined by the rigidity of cores and the types of dendrons. To elucidate the structure-property relationships, the one-, two-, and three-branched dendrimers were compared.

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