

**Cover:** SEM image of polystyrene core-ZnS shell hybrid particles. The deposition of the ZnS on the polymer particle surface has been achieved by ultrasound-mediated in-situ formation of  $H_2S$  (thioacetamide decomposition) and reaction with zink acetate forming insoluble zink sulfide. [more details: A. Pich et al. on page 129]

