

## Core-shell mesoporous silica nanoparticles ...

... which consist of a single magnetite nanocrystal core and a dye-doped mesoporous silica shell, are presented by T. Hyeon, W. K. Moon and co-workers in their Communication on page 8438 ff. These multifunctional nanoparticles can be used in simultaneous magnetic resonance and fluorescence imaging and can act as a drug delivery vehicle, thus having potential in cancer diagnosis and therapy.



## **Inside Cover**

Jaeyun Kim, Hoe Suk Kim, Nohyun Lee, Taeho Kim, Hyoungsu Kim, Taekyung Yu, In Chan Song, Woo Kyung Moon,\* and Taeghwan Hyeon\*

Core-shell mesoporous silica nanoparticles which consist of a single magnetite nanocrystal core and a dye-doped mesoporous silica shell, are presented by T. Hyeon, W. K. Moon and co-workers in their Communication on page 8438 ff. These multifunctional nanoparticles can be used in simultaneous magnetic resonance and fluorescence imaging and can act as a drug delivery vehicle, thus having potential in cancer diagnosis and therapy.

