

## Highlights

### Boron–Nitrogen Compounds

I. Manners and G. R. Whittell

Advances with Ammonia-Borane:  
Improved Recycling and Use as a  
Precursor to Atomically Thin BN Films

### Pseudorotation

C. Moberg

Stereomutation in Trigonal-Bipyramidal  
Systems: A Unified Picture

## Reviews

### NHC-Boranes

D. P. Curran, L. Fensterbank, E. Lacôte  
et al.

Synthesis and Reactions of N-  
Heterocyclic Carbene Boranes  
(Cover Picture)

## Communications

### Homogeneous Catalysis

S. H. Bergens and J. M. John

A Highly Active Catalyst for the  
Hydrogenation of Amides to Alcohols and  
Amines (Inside Cover)

### Self-Assembly

M. Fujita et al.

A Sphere-in-Sphere Complex by  
Orthogonal Self-Assembly (Frontispiece)

### Inorganic Chemical Cells

L. Cronin et al.

Modular Redox-Active Inorganic  
Chemical Cells: iCHELLs (Back Cover)

### $\pi$ -Bond-Rich Hydrocarbons

M. N. Paddon-Row, M. S. Sherburn et al.

1,1-Divinylallene

### Actinide Photochemistry

S. T. Liddle et al.

Photochemically Promoted Bond-  
Cleavage and -Capture in a Diazomethane  
Derivative of a Triamidoamine  
Uranium(IV) Complex

### Coupling Reactions

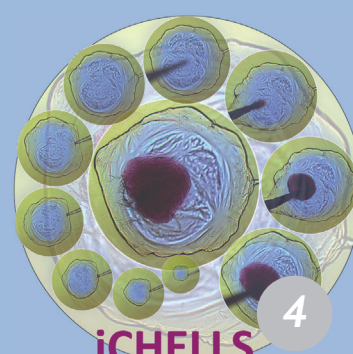
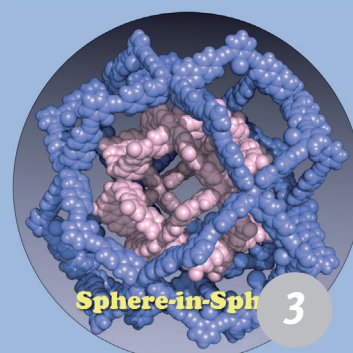
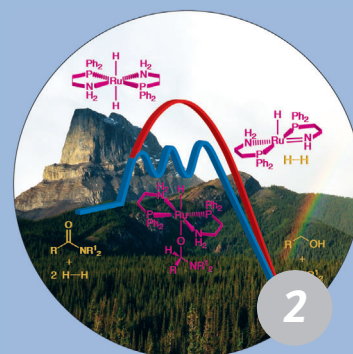
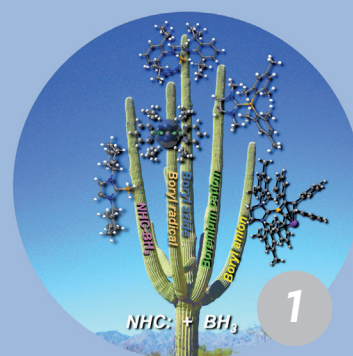
M. Murakami et al.

Selective 1:2 Coupling of Aldehydes and  
Allenenes with Control of Regiochemistry

### Heterogeneous Catalysis

P. Claus et al.

Ruthenium-Catalyzed Selective  
Hydrogenation of Benzene to  
Cyclohexene in the Presence of an Ionic  
Liquid



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