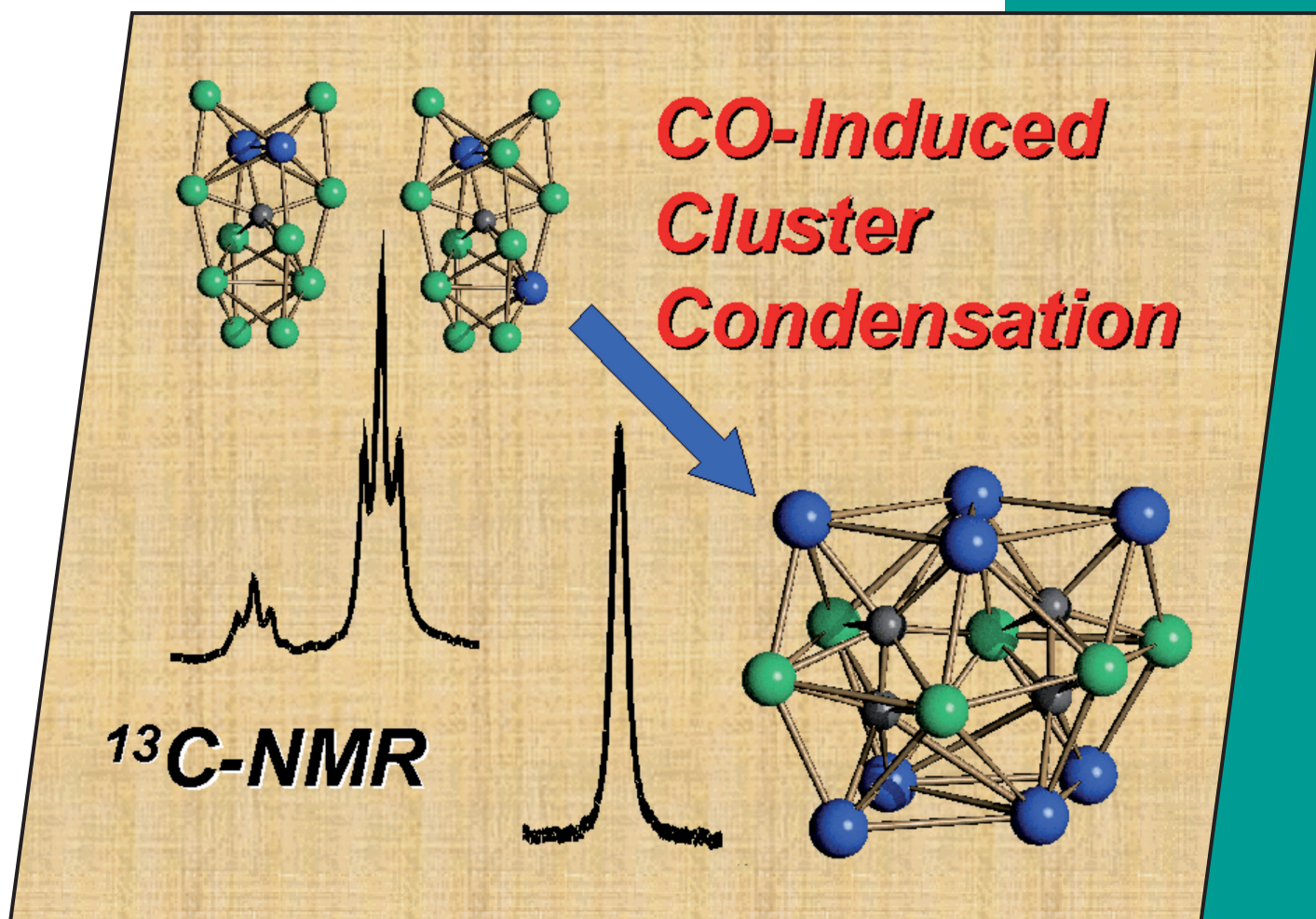


17/2009
2nd June Issue

EurJIC
European Journal of
Inorganic Chemistry



Cover Picture

Stefano Zacchini *et al.*

Heterobimetallic Ni-Rh Carbido Carbonyl Clusters

Microreview

Bruno Therrien

Arene Ruthenium Cages: Boxes Full of Surprises

 **WILEY-VCH**

www.eurjic.org

A Journal of





A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows a rare example of CO-induced cluster condensation rather than degradation to lower nuclearity species. Thus, the hetero-bimetallic mono-carbide $[\text{Ni}_{10}\text{Rh}_2\text{C}(\text{CO})_{20}]^{2-}$ is transformed into the bis-acetylide $[\text{Ni}_6\text{Rh}_8(\text{C}_2)_2(\text{CO})_{24}]^{4-}$ after exposure to a CO atmosphere. The compounds have been characterised by X-ray diffraction and ^{13}C NMR spectroscopy. NMR spectroscopic studies point out that the mono-carbide exists as two isomers, and coordination of Rh atoms to the interstitial carbide atom is very effective in shortening its longitudinal relaxation time (T_1) by approximately two orders of magnitude relative to homometallic Ni carbido clusters. Details are discussed in the article by S. Zachini et al. on p. 2487ff.

