

A collaborative study by Drs. Michael Chan and Kai-Chung Lau, together with their respective coworkers Drs. Cham-Chuen Liu and Po-Kam Lo plus colleague Dr. Shek-Man Yiu, was recently published in the leading international chemistry journal *Chemical Communications* and selected as a Front Cover Article.

The exceptional significance of this work stems from the nature of the new ligand framework featuring a $\mu\text{-C}_4$ core, which is formed by a totally unprecedented dimerization reaction. Indeed, to our knowledge, *there are no literature reports of such a regioselective, redox-neutral C(sp²)-C(sp²) coupling/dimerization process.*

The novel $\mu\text{-C}_4\text{R}_2\text{H}_2$ structure displays adaptable coordination and accommodates different metal sizes, and is sufficiently robust to promote interesting catalytic reactivity *with synergistic effects* at the bimetallic sites:

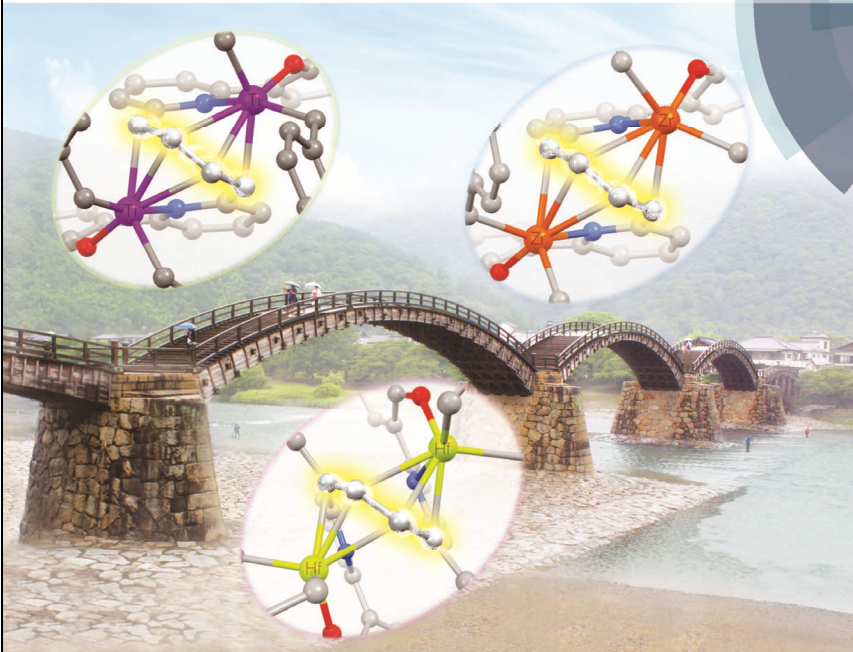
Multifaceted Chelating $\mu\text{-(}\eta^3\text{:}\eta^3\text{-antifacial)-}(cis\text{-C}_4\text{R}_2\text{H}_2)$ Coordination Motif in Binuclear Complexes, C.-C. Liu, M. C. W. Chan,* P.-K. Lo, K.-C. Lau,* S.-M. Yiu, *Chem. Commun.*, 2016, **52**, 11056–11059. DOI: 10.1039/c6cc05535d and [Cover Article](#) (Inside; Issue 74).

For details, see: <http://pubs.rsc.org/en/content/articlelanding/2016/cc/c6cc05535d>

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Multifaceted chelating $\mu\text{-(}\eta^3\text{:}\eta^3\text{-antifacial)-}(cis\text{-C}_4\text{R}_2\text{H}_2)$ coordination motif in binuclear complexes

175 YEARS