

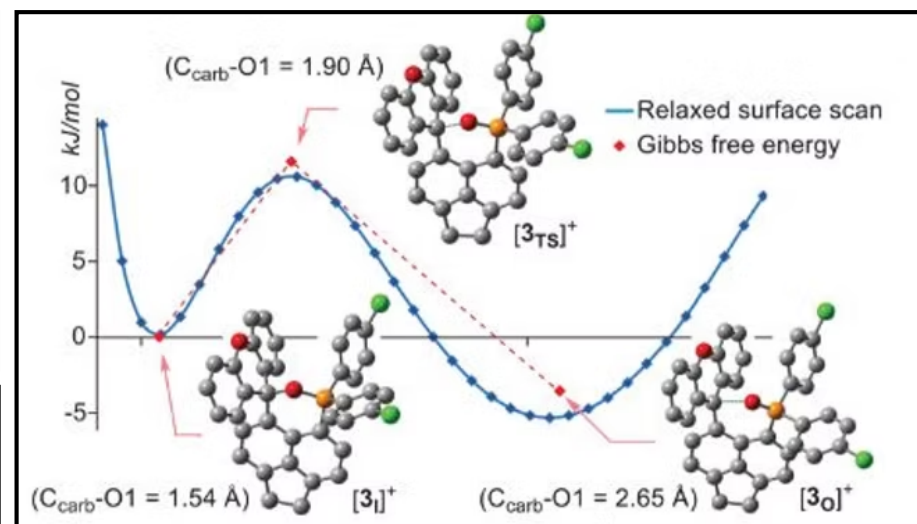
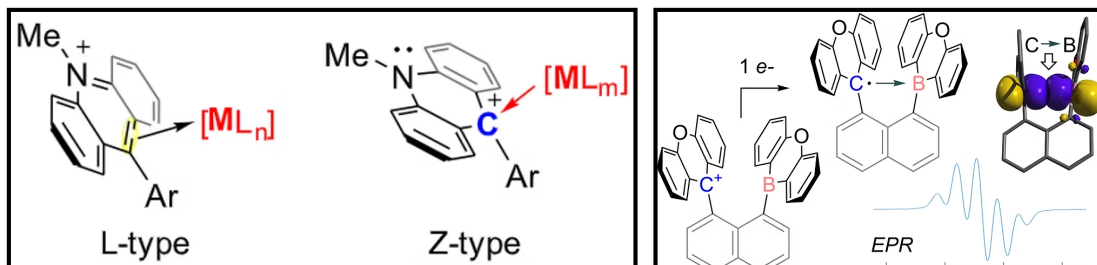
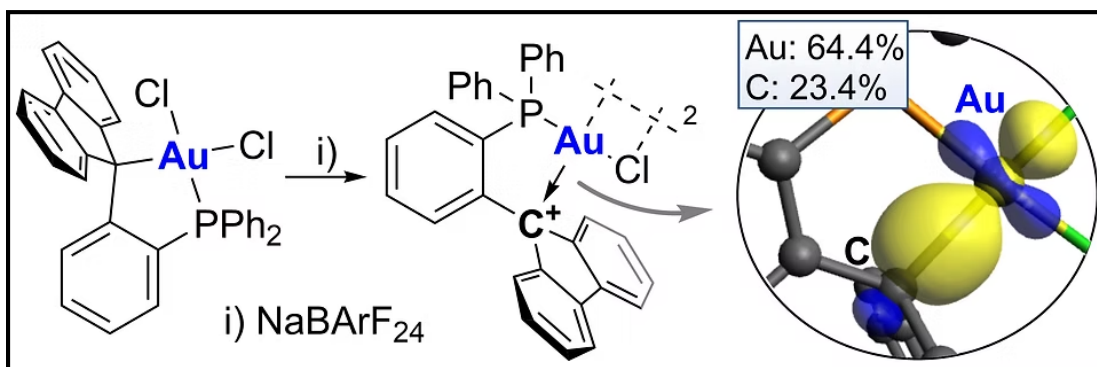
第94回有機元素化学セミナー

The 94th Organoelement Seminar Series

Prof. Francois P. Gabbaï (Texas A&M University, USA)

website: <https://www.gabbailab.com/>

"Carbenium-containing platforms in organoelement chemistry"



Over the years, Prof. Gabbaï has had a sustained interest in the synthesis and study of main-group compounds, featuring Lewis-acidic and electroactive carbenium functionalities. These efforts have led to the isolation of naphthalene-based dications, α -borylated carbenium ions, and phosphonium-carbenium dications. In a recent extension of this chemistry, he has become interested in the possibility of using carbenium ions as Z-type ligands, a possibility supported by our recently published work on the synthesis and catalytic properties of derivatives with weak $\text{Au} \rightarrow \text{C}^+$ interactions.

16:30-18:00, February 12 (Thu), 2026@Room M-123 (1st floor, main building, Institute of Science Tokyo)
Host: Makoto Yamashita (Sch. of Sci.) (yamashita.m.6dbb@m.isct.ac.jp)