

学 術 講 演 会

平成 19 年 5 月 15 日 (火), 15:00 – 16:30

科学分析支援センター一会議室 (3 階)

Molecular Architectures for Advanced Functions

John S. Fossey

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Dr. J. S. Fossey has experience of inorganic, organometallic and organic synthesis. Novel topology resulting in modified reactivity is the underlying theme of his research, in other words, how shape relates to or impacts on function. The talk will give an overview of his research and current challenges, which consists of several topics involving 1) Lewis acid catalysis using group 10 NCN pincer complexes as well as $\text{In}(\text{OTf})_3$; 2) Organocobalt; 3) Cyclophane; 4) Fluorescent tags for the potential use as a biomarker.

多数のご来聴を歓迎します。世話人：工学部応用化学科 久保 由治