

演題 : **Synthesis, Properties and Chemistry of
Cyclophanes Containing Nonplanar Polycyclic
Aromatic Hydrocarbons**

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日時 : 2024年5月10日 (金)
16:00~17:30

場所 : 北海道大学理学部 6号館
低層棟 2階 6-2-04-02室

主催 : 北海道大学理学研究院化学部門
共催 : フロンティア化学教育研究センター
日本化学会北海道支部



要旨 :

Nonplanar aromatic compounds are interesting molecules because they provide opportunities to learn how chemical and physical properties are affected changes in structure. Such compounds are challenging synthetic targets due to fact that they are strained, and the level of synthetic challenge typically increases with the amount of strain. As a result, powerful synthetic methodology and effective general strategies are required to enable the synthesis of such compounds, especially those that are at more highly strained. Details of our work aimed at the synthesis and study of cyclophanes that contain bent aromatic systems will be presented.

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