Frontier Chemistry Center フロンティア化学教育研究センター 講演会

演 題：**Elucidation of material formation processes and mechanisms across diverse systems**

講 師：**Dr. BAEK WOOHYEON**
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日 時：2026 年 9 月 15 日（火）16:00~17:00

場 所：北海道大学フロンティア応用科学研究棟 2F セミナー室

要 旨：

The formation of materials proceeds through emergence and growth, and it interacts with or transforms its surrounding environment. Because all structures possess a finite size and a surface, this process is governed by size-dependent thermodynamic and kinetic effects. The common process behind all of these is solidification, which provides a fundamental framework for understanding the formation, evolution, and properties of materials. However, many aspects of materials formation and phase transitions remain poorly understood, especially when accurate and precise experimental or computational methods are technically scarce. In this talk, we investigated the formation processes and mechanisms of a broad range of materials through fundamental material theories and computations.

連絡先：工学研究院応用化学部門　三浦 章（内線：7116）

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