



# Houk-Jung Organic Colloquium

## Rethinking Fluorine Chemistry with Global Challenges in Mind

**Abstract:** The starting point of the entire fluorochemical industry is the conversion of fluorite into hydrogen fluoride (HF) with sulfuric acid. The process requires considerable expertise and know-how due to the highly hazardous nature of HF.

In this lecture, we will discuss how our journey in asymmetric catalytic fluorination led to methodologies that convert fluorite into critically needed fluorine-containing molecules applying operationally simple and energy-effective methods that bypass the production of hydrogen fluoride.

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Tuesday, June 4, 2024 | 10:00 AM  
Mani L. Bhuamik Collaboratory - YH 4222  
Dongwon Yoo Seminar & Conference Hall

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