

## Recent Adventures in Catalysis and Beyond

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### Abstract:

In this presentation, recent developments in synthetic methodology from our group will be discussed. First, progress in the area of molecular editing, including single nitrogen atom insertion and oxo-walk reactions will be presented. New developments in the area of shuttle catalysis, including applications to feedstock and waste valorization, will also be briefly discussed. This will be complemented by a discussion on further methods recently developed in our group, as well as accompanying mechanistic studies.