

ITbM-GTR



Seminar



Prof. Marco Bandini

Professor

Department of Chemistry

University of Bologna, Italy

New Catalytic Tools in Arene Chemistry

Date: Monday, Feb 3rd

Time: 15:30~17:00

Venue: Lecture room, ITbM

Language: English

Abstract

Aromatic motifs are contained in countless number of organic species with applications spanning from pharma to molecular machines. The current trends in synthetic methodologies dealing with aromatic systems can be organized in three major areas: synthesis of the ring, site-selective functionalization of the arene periphery and dearomatization protocols. Catalysis represents the ultimate strategy for all these fields. During the seminar, the latest findings by the group in the application of visible light, carbocatalysis and CO₂ as C1-surrogate will be discussed.

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