Joint Seminar of UniSysCat and the Institute of Chemistry, HU Berlin

Prof. Dr. Thomas N. Snaddon

Indiana University

Start Time: Wednesday, January 27, 2021 05:00 pm

End Time: Wednesday, January 27, 2021 06:00 pm

Online Meeting

Joint Seminar of UniSysCat and the Institute of Chemistry of the Humboldt University Berlin

Enantioselective Chemical Synthesis Methods via Cooperative Catalysis: Design, Development and Application

Prof. Dr. Thomas N. Snaddon

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Our laboratory has embraced cooperative catalysis as a general framework for the design of new enantioselective reactions. Within this regime we have exploited cooperative Lewis base/transition metal catalysis as an effective means to control and direct both reaction partners during bond construction. The versatility of this approach is such that each catalyst acts in an orthogonal manner, which permits the role and function of the metal center to be modified and tuned without compromising enantioselectivity. This seminar will describe our most recent efforts in asymmetric carbon–carbon and carbon–nitrogen bond formation.

This colloquium will take place online. More information coming soon.

Prof. Dr. Thomas Braun and Prof. Dr. Kallol Ray

Organizer