

UniSysCat Colloquium

Prof. Dr. Leslie Justin Murray

University of Florida, Department of Chemistry

Start Time: Wednesday, February 5, 2020 05:15 pm

End Time: Wednesday, February 5, 2020 06:45 pm

Walther Nernst-Haus, Lecture hall 006

Humboldt Universität zu Berlin, Newtonstraße 14, 12489 Berlin-Adlershof

Bond Scission and Formation Facilitated by Polynuclear Metal Complexes

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Polynuclear metal assemblies constitute active sites of metalloenzymes and can be considered as model systems for metal surfaces. Our aim is to develop synthetic systems to address mechanistic questions and to access similar reactivity potential effected by multimetallic assemblies, given the wealth of reactions catalyzed by such clusters. To that end, we will discuss ongoing efforts in activation of small molecules, such as dinitrogen and carbon dioxide, and particularly highlight our recent results on C–C bond formation.

Prof. Dr. Kallol Ray (HU Berlin)

Organizer