

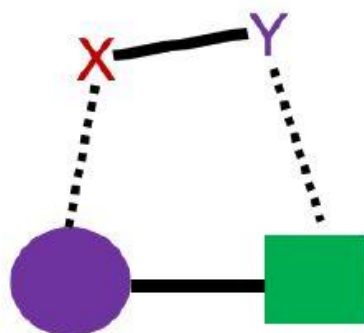
Seminar

Asking Ligands to Lend a Hand

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Synergic participation of two or more chemical functionalities in a catalyst has been credited to facilitate a difficult chemical process. Synthetic catalysts are designed where a cooperating ligand actively participates in bond-activation process and undergoes reversible chemical transformation to make the catalytic process efficient and selective. Carefully designed ligand scaffolds, which hold a metal ion and simultaneously offer a proton-responsive unit, have been devised for water activation, hydrogenation and dehydrogenation reactions. This talk would focus on the scope of cooperative catalysis in addressing sustainable processes and products.



Friday, Jan 31st 2025

16:00 Hrs (Tea / Coffee 15:45 Hrs)

Auditorium, TIFRH