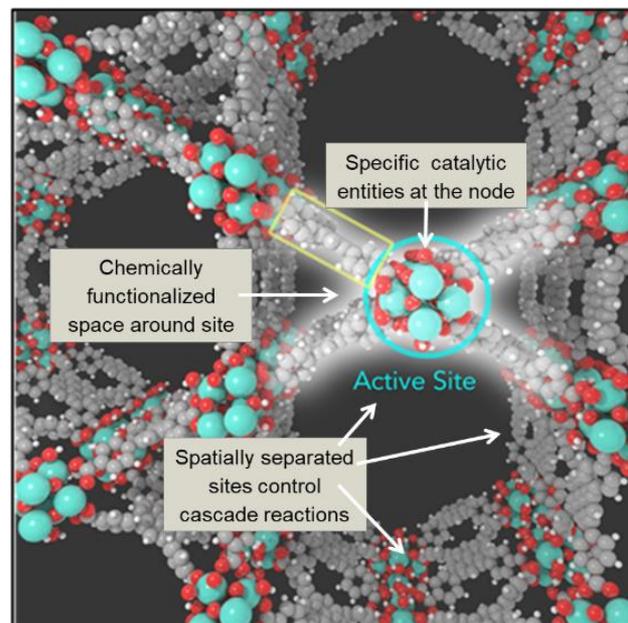


# Inorganometallic Catalyst Design Center (ICDC)

Laura Gagliardi (University of Minnesota); Class: 2014-2022

**MISSION:** To discover new classes of energy-science relevant catalytic materials, especially through the exploitation of computational modeling to identify underlying structure-function relationships that are critical to advancing further, predictive catalyst discovery.



<http://www1.chem.umn.edu/icdc/>

## RESEARCH PLAN

We will advance computational and synthetic methods to create electronically and structurally well defined catalysts in mesoscale, hierarchically structured and uniform environments. Using rigorous theoretical and experimental techniques, we will discover and rationalize structure/function relationships for atomically precise active sites and their surroundings.