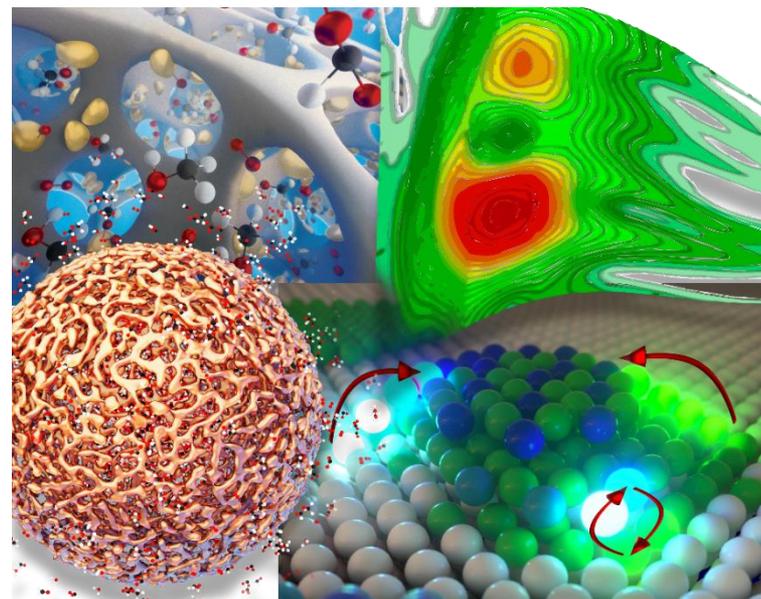


Integrated Mesoscale Architectures for Sustainable Catalysis (IMASC)

Cynthia Friend (Harvard University); Class: 2014-2022

MISSION: To establish design principles for highly selective catalytic transformations driven by dilute alloys.



<https://efrc.harvard.edu/>

RESEARCH PLAN

-  Design and synthesize robust nanoporous dilute alloy catalysts.
-  Predict catalytic selectivity by understanding kinetics and mechanism.
-  Exploit rearrangement at interfaces to enhance selectivity and activity.
-  Advance methodology for catalytic design.



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