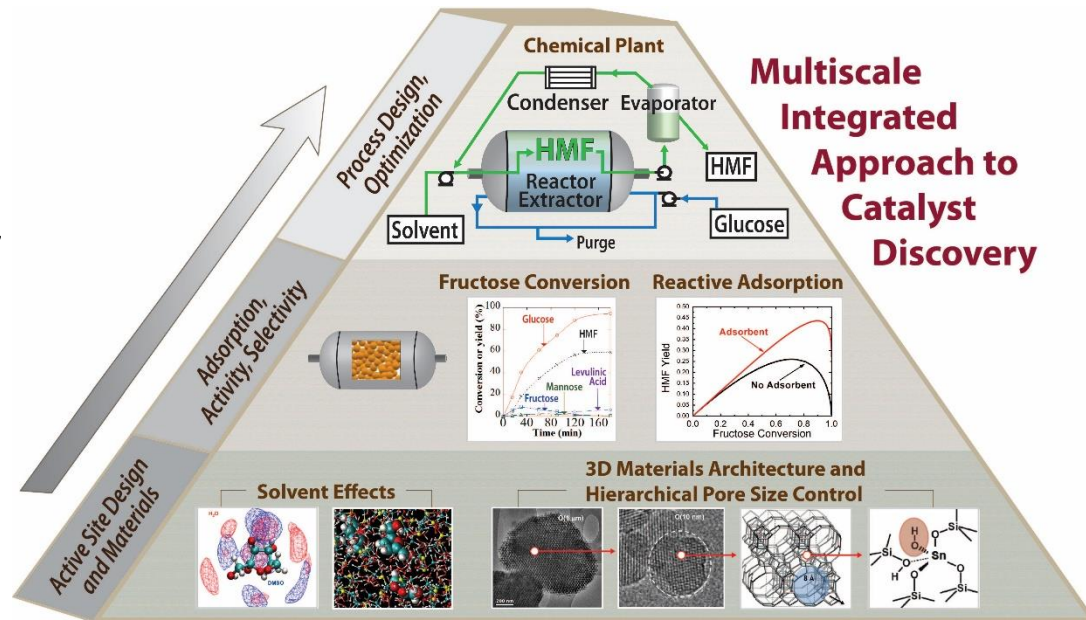


Catalysis Center for Energy Innovation (CCEI) Dionisios G. Vlachos (University of Delaware)

CCEI focuses on developing innovative, transformational heterogeneous catalytic technologies to economically convert lignocellulosic (**non-food-based**) biomass into chemicals and fuels.

www.efrc.udel.edu



RESEARCH PLAN

CCEI develops novel catalytic materials and processes for the operation of modern biorefineries for carbon neutral production of chemicals and fuels. It advances fundamental knowledge by developing methods that can tackle the complexity of biomass feedstock and the multiscale nature of chemical reactions.