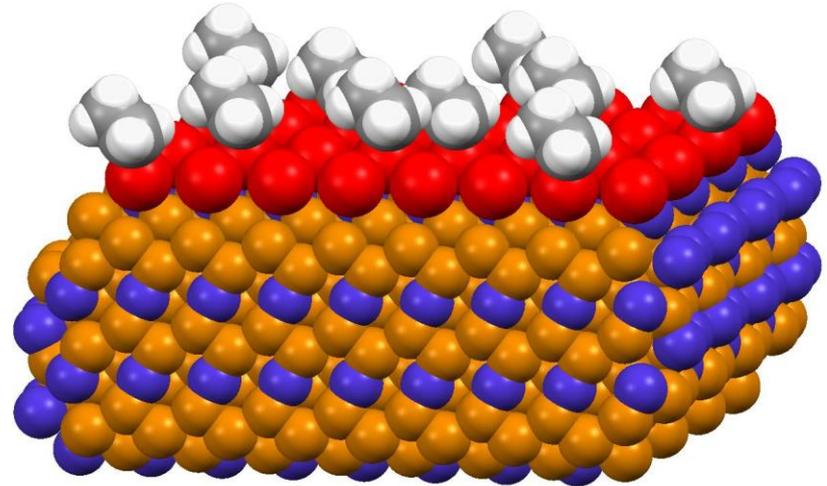


Center for Complex Materials from First Principles (CCM)

John P. Perdew (Temple University); Class: 2014-2020

MISSION: To develop, test, apply, and experimentally validate improved methods of electronic structure calculation for both simple and complex materials (including quantum materials).



<http://efrc.cst.temple.edu/>

RESEARCH PLAN

CCM will develop more accurate but still computationally-efficient density functionals from first principles, testing and applying them to layered and two-dimensional materials, water at interfaces, catalysis, and cuprate high-temperature superconducting materials.



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