

Post-doctoral Research Opportunity in Applied Discharge Plasma Science
Stanford University

We have an immediate opportunity for a researcher to study the development of air/atmospheric pressure plasmas for applications to problems in sustainability. We are examining the use of a range of plasma technologies for problems ranging from nitrogen fixation, CO₂ splitting and even direct air-capture. Opportunities exist to work with new companies in the Silicon Valley as well as other research groups at Stanford, including researchers in the new School for Sustainability. Knowledge of plasma chemistry is desired, but not required. We want someone who is hands-on, comfortable in the laboratory and on working on plasma devices. The candidate should be enthusiastic about the prospects for transitioning technology from the lab to the field. Publications are valued but the emphasis here is on making impact on solving important problems related to climate science.

Interested researchers should contact Professor Mark Cappelli (cap@stanford.edu).