

Follow the science, not the electron

A postdoctoral position is available in the group of Prof. Laurence Marks at Northwestern University for someone with expertise in transmission electron microscopy (any and all), ranging from conventional to aberration-corrected imaging, EELS or EDX. The scientist would work with a number of other faculty on problems related to high-temperature oxidation or aqueous corrosion on a range of problems, see for instance DOI: 10.1103/PhysRevLett.121.145701 10.1016/j.actamat.2020.06.056 or 10.1016/j.actamat.2021.116898 . The scientist would also be involved in novel work using additive manufacturing to produce materials for higher efficiency engines, see for instance DOI: 10.1126/science.1179327 . Strength in metallurgy would be useful, but is not required; similarly knowledge of DFT methods. Adventurous candidates should send a CV including the names of two references to L-marks@northwestern.edu

