

**Post-doctoral Researcher**  
**Computational Plasmas and Plasma Surface Interactions for Materials**  
**Synthesis**  
**University of Michigan, USA**

The Computational Plasma Science and Engineering Group at the University of Michigan, Ann Arbor, USA (<https://uigelz.eecs.umich.edu/>) has an opportunity for a post-doctoral researcher (PDR) in modeling low temperature plasma chemistry and plasma surface interactions. The group has several projects in atmospheric pressure plasmas for material synthesis and in low pressure plasmas for microelectronics fabrication to which the PDR will contribute. The PDR will develop and apply new computational algorithms for plasma transport (reactor scale) and plasma surface interactions (nano-scale). The position includes interaction with collaborators and sponsors of the research, and supervising/mentoring group members. The position is available in March 2024 and has a term of up to 3 years. The PDR should have completed his/her PhD in a physics or engineering discipline prior to starting the position, and should have a broad knowledge of low temperature plasma physics and chemistry with experience in computations.

Applicants should submit a cover letter describing their background and research interests and a CV (including a list of publications and at least 2 references) as a single PDF file to the contact below. Please also arrange for 2 letters of reference to be sent to the contact.

Contact:

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