

## **Post-doctoral Fellowship in Computational/Theoretical Planet Modeling, Center for Matter at Atomic Pressures (CMAP)**

The [Center for Matter at Atomic Pressures](#) (CMAP), an NSF Physics Frontiers Center, invites applications for a Post-Doctoral Fellowship in Computational/Theoretical Planetary Modeling. We are particularly interested in candidates focused on the formation, structure, interior and atmosphere evolution of terrestrial-type planets, both within the solar system and exoplanets. We envision the candidate to become an emerging expert in the next generation of global planet evolution models, and one who can facilitate incorporation of the most relevant improved microphysics and microphysical data into computational planetary modeling tools for practical use by the broader planetary astrophysics community.

The CMAP NSF Physics Frontiers Center is a collaboration between U. Rochester, Princeton, UC Davis, MIT, U. Buffalo, and UC Berkeley, for which the team members communicate weekly. For this position, the institution at which the candidate takes primary residence is negotiable. We expect the candidate to interact broadly with the CMAP team. Some travel among the partner universities required.

Candidates for this position should have a Ph.D. by the start date in planetary physics, astrophysics, or related disciplines.

The position will be initially for 2 years and extendable depending upon performance. Review of applications will begin on January 1, 2023, and continue until the position is filled. The anticipated start date is September 2023, but is negotiable. Applications consist of a CV, a statement of research interests and 3 letters of recommendation. Please submit all application materials electronically to Ms. Natalie Antal ([natalie.antal@rochester.edu](mailto:natalie.antal@rochester.edu))

The collaborating institutions are all Equal Opportunity Employers and have strong commitments to diversity and actively encourages applications from candidates from groups underrepresented in higher education. All applications are considered without regard to race, sex, age, religion, or national origin.