

## Molecular Spectroscopy of interstellar environments with JWST

Profs. Jan Cami and Els Peeters at the Department of Physics & Astronomy and the Institute for Earth and Space Exploration at The University of Western Ontario are inviting applications for a postdoctoral position.

The successful candidate will lead the analysis and modeling of infrared spectroscopic data obtained with the JWST to investigate Polycyclic Aromatic Hydrocarbons (PAHs), fullerenes, other molecules, and dust species in diverse galactic and extragalactic environments.

Further information about the research programs of Profs. Jan Cami and Els Peeters is available at:

[https://www.physics.uwo.ca/people/faculty\\_web\\_pages/cami.html](https://www.physics.uwo.ca/people/faculty_web_pages/cami.html)

[https://www.physics.uwo.ca/people/faculty\\_web\\_pages/peeters.html](https://www.physics.uwo.ca/people/faculty_web_pages/peeters.html)

Applicants must hold a PhD in astrophysics or a closely related field and should have experience with the analysis of observational data. Preference will be given to candidates with a strong background in infrared astronomy, molecular spectroscopy or astrochemistry, and experience with JWST data reduction and analysis. Prior research experience with PAHs or fullerenes is desirable but not required.

The position is for a period of two years, with the possibility of renewal for a third year based on performance and continued funding. The start date is flexible but may be as early as July 1, 2025.

Applicants should submit the following materials as a single PDF file with the subject line "Postdoc Position – [Your Name]" to [epeeters@uwo.ca](mailto:epeeters@uwo.ca)

- i) a cover letter (maximum 2 pages);
- ii) an up-to-date curriculum vitae;
- iii) a research statement (maximum 3 pages), and
- iv) Contact information for three referees who may be contacted to provide letters of recommendation.

Applications will be reviewed until the position is filled. For full consideration, complete applications should be received by April 30, 2025.

Western values diversity and is committed to equity and inclusion in the workplace. We welcome applications from all qualified individuals, including women, members of racialized groups, Indigenous peoples, persons with disabilities, and persons of any sexual orientation or gender identity/expression.

Western University offers a comprehensive benefits package for Postdoctoral Associates:

[https://www.uwo.ca/hr/benefits/your\\_benefits/pda/index.html](https://www.uwo.ca/hr/benefits/your_benefits/pda/index.html)

A relocation allowance of up to CAD \$2,000 is also available.