

Postdoctoral Research Position in Optics, Plasma, and
Radiation Applications
University of Michigan

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Posted Apr. 24, 2024, set to expire Aug. 24, 2024

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| Job Title | Postdoctoral Research Position in Optics, Plasma, and Radiation Applications |
| Department | Nuclear Engineering and Radiological Sciences http://ners.engin.umich.edu |
| Institution | University of Michigan Ann Arbor, Michigan |
| Date Posted | Apr. 24, 2024 |
| Application Deadline | Open until filled |
| Position Start Date | August 2024 |
| Job Categories | Post-Doc |
| Academic Field(s) | Optics & Optical Engineering Nuclear Engineering Physics Electrical and/or Electronics Engineering - Other |
| Job Website | http://ansg.engin.umich.edu |
| Apply By Email | ijov@umich.edu |

Job Description

One postdoctoral research position is open to conduct research in the area of laser, optical, and plasma physics for nuclear applications. The work is supported by the U.S. Department of Energy and will be conducted within the Nuclear Science User Facilities framework. Projects include close research collaborations with several U.S. national laboratories and academic groups in the U.S. and internationally.

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The candidate should hold (or soon to receive) a Ph.D. degree in physics, chemistry, optics, or engineering (nuclear, electrical) and have an experimental background in optics. Of particular value is the experience with laser technology, optical spectroscopy, and plasma physics.

The postdoc will work in a highly dynamic and interdisciplinary team at the University of Michigan, Department of Nuclear Engineering and Radiological Sciences led by Prof. Igor Jovanovic (<http://ansg.engin.umich.edu>) and utilize the extensive infrastructure of the Gérard Mourou Center for Ultrafast Optical Science. The candidate is expected to have excellent communication skills needed for active supervision of graduate students, collaboration with other universities and national laboratories, and regularly present and publish research results . Funds are available to regularly attend major conferences.

This position is open to both U.S. and international candidates. Review will begin immediately and continue till the position is filled. Interested candidates should send a CV (including description of research experiences and related skills), publication list, and names of 3 references to **Prof. Igor Jovanovic** (ijov@umich.edu).

EEO/AA Policy

The University of Michigan in Ann Arbor, the University of Michigan-Dearborn, the University of Michigan-Flint and Michigan Medicine (collectively the “University”) are committed to compliance with all applicable laws regarding non-discrimination. The University strives to build a diverse community in which opportunity is equal for all persons regardless of race, color, national origin, age, marital status, sex, sexual orientation, gender identity, gender expression, disability, religion, height, weight, or veteran status in employment, educational programs and activities, and admissions.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Igor Jovanovic

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|-----------------------|----------------|
| Phone Number | 734-647-4989 |
| Contact E-mail | ijov@umich.edu |