



TECHNISCHE
UNIVERSITÄT
DARMSTADT

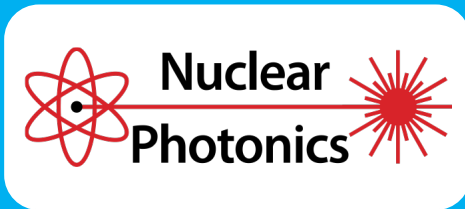


TU Darmstadt and
Univ. POLITEHNICA Bucharest
are screening the community to fill

Open Positions for Junior Researchers in Laser and Plasma Physics, Nuclear Physics, Accelerator Science, and Instrumentation starting in October 2023 or later

Twenty-two part-time (75%) positions
for doctoral researchers in physics and engineering

within the bilateral Int'l Research Training Group
(IRTG 2891):



are expected to be jointly funded by the German Research Council (DFG), by the Romanian Institute of Atomic Physics (IFA), and by the Universities in Darmstadt and Bucharest

The Research-Training Group “Nuclear Photonics” aims at qualification and training of Early-Career Researchers on photon-induced phenomena on a nuclear energy scale and corresponding instrumentation and methods.

Research topics comprise:

- High-intensity laser–target interaction
- Laser-induced generation of particle beams
- Laser-Compton–based γ -ray sources
- Photonuclear reactions and metrology

“Nuclear Photonics” will offer a thriving research environment for graduates in physics and engineering who aim at earning their doctoral degree collaborating closely with the European Extreme Light Infrastructure (ELI).

If you are interested you can learn more about “Nuclear Photonics”, the research topics, involved scientists, the training programme and open positions on our web page

https://www.ikp.tu-darmstadt.de/forschung_kernphysik/verbundprojekte/details/nukleare_photonik/index.en.jsp.



Contact us by Sept. 15th, 2023, or later!

Interested Junior Researchers are invited to submit electronically their curriculum vitae, copies of transcripts and certificates, a motivation letter, two letters of recommendation and, optionally, a list of publications preferably as a single file to the address nuclearphotonics@ikp.tu-darmstadt.de

The first round of applications is expected by Sept. 15th, 2023. Later applications will be considered until all positions are filled and constantly throughout the duration of tenure of the IGK when open positions are available.