

Call for interest:

Marie Skłodowska-Curie Postdoctoral Fellowship with the ELI Beamlines, Institute of Physics (FZU), Prague, Czech Republic

ELI Beamlines welcomes expression of interest from eligible researchers seeking to apply for Postdoctoral Fellowships of MSCA 2021 (Horizon Europe Programme):

<https://ec.europa.eu/research/mariecurieactions/actions/postdoctoral-fellowships>

We are looking for high quality candidates to join the Group of laser-driven X-ray sources. The [Group of X-ray sources](#) is an integral part of the ELI Beamlines Center, Institute of Physics, Czech Academy of Sciences, Prague. We focus on cutting-edge research of the following XUV and X-ray sources

- [High Harmonic Generation](#) (HHG) beamline driven by [L1 laser](#)
- [K- \$\alpha\$ Copper tape](#) driven by [L1 laser](#)
- [X-ray sources from laser-accelerated electrons](#) driven by [L3 laser](#) for ultrafast X-ray science and HED physics

We welcome applications in the following key areas:

- Development or substantial/breakthrough upgrade of the existing sources
- Fundamental/burning questions of the laser/matter interaction
- Applications of the XUV/X-ray radiation

Equipped end-stations for application experiments including XUV/X-ray pump-probe experiments are available. More information of the HHG and K- α source scientific stations can be found [here](#).

When applying with us, if your proposal is highly ranked but not funded due to budget restrictions, your application will be automatically considered for the H2020 ERA Fellowship and, depending on the availability of funds, for national funding. You can contact any member of the group for further information.

If you are interested, please apply by sending an email to [Kristýna Pavlovská](mailto:Kristyna.Pavlovska@eli-beams.eu) (Kristyna.Pavlovska@eli-beams.eu) with a single pdf file containing your CV, a list of publications, and a one A4 summary of the research proposal by **July 18th**, 2021 (the deadline for MSCA PF application is in October 2021). **If selected, you will be supported through the application process.**

Please note that this is a pre-selection call for interest, **not** the application for the funding itself.