



Postdoc position on 2D materials at the Institute of Physics in Zagreb

We are currently seeking a highly motivated and skilled postdoctoral researcher to apply for a competitive postdoctoral fellowship and join the “Surfaces, interfaces and 2D materials” (SIMAT) group at the [Institute of Physics](#) (Zagreb, Croatia). The work will be focused on **2D materials** and their **heterostructures** with an emphasis on **device fabrication, functionalization and characterization**. The successful candidate will have a PhD degree (obtained max. 7 years ago) in physics, materials science, chemistry, or a related field, and expertise in 2D material characterization, transfer and device fabrication. Experience in transport measurements, 2D material synthesis and chemical functionalization is highly desirable.

The SIMAT group is investigating novel 2D materials, including graphene, transition metal dichalcogenides, and borophene, and their application in electronic, optoelectronic, and sensing devices. Our research spans from fundamental studies of the electronic and optical properties of 2D materials to functionalization and the development of devices for various applications. The chosen candidate will have the opportunity to steer his/her research topic according to expertise within the SIMAT group and personal preferences.

Postdoc position is associated with the “Inbound Mobility of Senior Research Assistants (MOBDOL-2023-08)” Call (<https://hrzz.hr/en/project-application/open-calls/>) and offers a **tax-free scholarship of 3.625 EUR/month for 12-24 months**. **Starting date** of the position must be **before 31.03.2024**. The candidate is required to be a national of EU Member State or Horizon Europe Associated Country including Switzerland (https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation_horizon-euratom_en.pdf) who did not have permanent or habitual residence and was not employed in Croatia in the two years preceding the Call deadline (August 2023).

To apply, please submit your CV and a brief description of research experience and research interest by July 15th to one of the supervisors:

Dr Marin Petrović [mpetrovic@ifs.hr]

<https://scholar.google.com/citations?user=3g7oxOYAAAAJ&hl=en>, <http://marin-petrovic.from.hr/>

Dr Martina Lihter [mlihter@ifs.hr]

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We look forward to hearing from you and welcoming you to our team!