

Hosting offer for Marie Skłodowska-Curie Postdoctoral Fellowships (PF) 2022 at University of Bremen/ The Sustainable Communication Networks Group (ComNets)

[MSCA Postdoctoral Fellowships](#) are individual research grants offering excellent postdoctoral researchers the chance to develop their skills by means of international mobility. Through the implementation of an original and personalised research project, MSCA Postdoctoral Fellowships aim to foster excellence through training and mobility and to equip researchers with new skills and competences in order to identify solutions to current and future challenges.

The Sustainable Communication Networks Group (ComNets) at the University of Bremen invites motivated postdoctoral researchers to jointly prepare an application for the [Marie Skłodowska-Curie Postdoctoral Fellowships](#) call ([MSCA-PF-2022](#)) with them as host organisation.

Description of Hosting organisation/group

The Sustainable Communication Networks Group (ComNets) at the University of Bremen focuses on various research and deployment problems in the area of the Internet of Things, from real testbeds and deployments to network modelling and simulation. We target different applications, including Smart City, Smart Buildings, Interplanetary Habitats, Smart Farming and environmental monitoring. We cover the complete lifecycle of such applications, from hardware design to data analysis with modern data science techniques.

The group consists currently of two postdoctoral researchers, five full-time PhD students, five external PhD students and more than 10 student assistants. It is headed by Prof. Dr. Anna Förster.

<https://www.uni-bremen.de/comnets>

Topics/expertise

ComNets welcomes applications for postdoctoral researchers in all areas of IoT and Smart City. Research topics can span all areas of hardware and software development with a special emphasis on fault tolerance, reliability and user friendliness. Special attention should be given to sustainability and SDG related research questions.

The applicants will be supervised by Prof. Förster directly and colleagues from her extensive international research network.

Your profile

- Expected qualifications/expertise of the candidate: depends on the research topics proposed.
 - Please specify the required PhD degrees if applicable : any
- You must have a completed PhD at the time of the call deadline (14 September 2022).
- Candidates must have a maximum of 8 years full-time research experience from the PhD award date until September 14, 2022. Periods of inactivity in research (e.g. unemployment, periods of employment outside research, parental or sick leave) do not count towards the time of research experience.

- For European fellowships, candidates can be of any nationality and must not have resided or carried out their main activity (work, studies, etc.) in Germany for more than 12 months in the 36 months immediately before September 14, 2022.
- Highly motivated candidate with an excellent research track record appropriate to career stage, as evidenced by academic publications and other scientific output.

What we offer

- Support and guidance for the preparation of your MSCA PF proposal, backed by the expertise of the Funding Advisory Service at the University of Bremen
- A stimulating, interdisciplinary environment for high-level research.
- Close cooperation with group members and group's international network

How to apply?

Indicate your interest by contacting the host institution as follows:

Please contact Prof. Förster directly by email with a short CV and motivation to indicate your interest to prepare a MSCA-PF application with ComNets. Please specify your concrete research questions to target at ComNets.

After the supervisor agrees to support you as a MSCA-PF candidate, you can start preparation of MSCA PF project proposal and will be supported further by the Funding Advisory Service of the host university.

For more information please contact the MSCA coordinator of the host institution:

eu@vw.uni-bremen.de