

Aalto University is a community of bold thinkers where science and art meet technology and business. We are committed to identifying and solving grand societal challenges and building an innovative future. Aalto University has six schools with nearly 11 000 students and more than 400 professors. Our campus is located in Espoo, Finland.

Postdoctoral Researcher Position in Optics and Photonics

We are looking for an outstanding postdoctoral researcher to join our group for theoretical and experimental research on nanophotonics. The research will be focused on the development of novel approaches to the creation of nanostructured light sources, waveguides, optical couplers, polarizing and imaging elements, and other nano- and microstructured components that can be used in future nanophotonic devices. The appointment is for 2 years with a flexible start during Spring-Summer 2020. The research is a part of a project funded by the Academy of Finland and involving collaboration with the University of Eastern Finland, Joensuu campus, and the University of Cologne, Germany. The postdoctoral researcher is expected to contribute to graduate and undergraduate teaching.

Requirements

The position requires a strong theoretical and experimental background in nano-optics. Good skills in numerical calculations and building experimental setups are necessary. Preference will be given to candidates with prior experience in the fields of optical metamaterials and integrated nanophotonics. We also expect the candidate to be able to work independently, to lead a team research, and to initiate and maintain collaboration.

Location and salary

The position will be located at the Otaniemi Campus of Aalto University. The annual total workload of research and teaching staff at Aalto University is 1624 hours. The starting salary is approx. 3500 €/month and follows the university salary system. The contract includes Aalto University occupational health care.

Applications

Candidates should send the following documents (all in English) as a single pdf-file.

- Application
- CV
- List of publications
- Highest degree certificate
- Contact information of three references

Apply through the link <https://www.aalto.fi/en/open-positions/postdoctoral-researcher-position-in-optics-and-photonics>

The deadline for applications is the 15th of April 2020.

For more Information

For further information, please contact D.Sc. (Tech.), Doc. Andriy Shevchenko andriy.shevchenko@aalto.fi or in questions related to the recruitment process, HR Coordinator Mikael Henny (mikael.henny@aalto.fi)