



Assistant Professorship in theoretical quantum optics with a focus on the physics of light-matter interaction

The Department of Physics at the University of Basel, Switzerland, invites applications for a tenure-track faculty position at the rank of an assistant professor in the area of theoretical quantum optics with a focus on the physics of light-matter interaction. The University of Basel conducts internationally recognized, leading research in quantum technologies and quantum optics, and is home of the Swiss Nanoscience Institute.

Your position

The new professor will be expected to conduct an excellent research program and contribute to teaching activities at all levels.

Your profile

We are looking for an outstanding theorist with proven expertise in the broad field of quantum optics and the physics of light-matter interactions. The requirements include a PhD degree in physics or equivalent and an excellent track record of research achievements and publications in the field. Synergies between the candidate's research plans and the research activities conducted at the University of Basel in the areas of quantum optics and quantum technologies are advantageous.

We offer you

The Department of Physics of the University of Basel offers an international and highly collaborative environment for top-level research in the fields of nano and quantum physics as well as cosmology and particle physics. The University of Basel is an equal opportunity and family friendly employer committed to excellence through diversity.

Application / Contact

Applications (including a short letter of motivation, a curriculum vitae, a publication list, a statement of research interests, and a teaching statement) should be addressed to Prof. Dr. Marcel Mayor, Dean, Faculty of Science, and submitted as a single PDF online: <https://biped.philnat.unibas.ch/application/form/22/1> During online submission applicants are asked to request three referees to submit confidential letters of reference.

Application files received until February 17, 2025 will receive full consideration. The University of Basel is an equal opportunity and family-friendly employer committed to excellence through diversity.

For informal inquiries please contact the Chair of the Department of Physics, Prof. Patrick Maletinsky, patrick.maletinsky@unibas.ch. If your question is about the online application process, please contact the Office of the Dean (dekanat-philnat@unibas.ch).