



Call for Georg H. Endress Postdoc Fellows

Basel-Freiburg Center for
Quantum Science and Quantum Computing QSC
EUCOR – The European Campus

The Center for Quantum Science and Quantum Computing (QSC) of the Universities of Basel (Switzerland) and Freiburg (Germany), embedded in EUCOR – The European Campus, invites applications for **up to ten Georg H. Endress Postdoc Fellowships to start in 2018**. The Center seeks to attract outstanding and highly motivated early-career scientists in QSC to engage in cutting-edge projects involving existing research groups at Basel and Freiburg. The ideal Georg H. Endress Fellow has recently finished a PhD in experimental or theoretical physics (or related areas) and is eager to shape the academic environment in research and teaching at both nodes. Fellows will be appointed typically for up to three years, and will be selected on the basis of scientific excellence as well as quality and innovative potential of proposed research in the QSC target areas of the Center, such as quantum information processing (quantum computation, simulation, and metrology), quantum technologies, complex quantum systems, quantum materials, and other emerging topics in quantum science.

The Georg H. Endress Postdoc Cluster at the Basel-Freiburg Center for QSC on EUCOR – The European Campus is a dedicated ten-year initiative to foster and educate outstanding young scientists to provide the academic talent and technology skills for the rapidly developing field of QSC. The Georg H. Endress Fellows will complement and expand the present strategic strengths in research at the Center. We are aiming broadly at the 2nd generation of quantum technologies, exploring control of the quantum properties of elementary building blocks, and of their orchestrated interaction, to enhance targeted functional properties upon integration. The Center expects to support and host up to ten Georg H. Endress Fellows in any given year for ten years, starting in March 2018.

Applications contain the **candidate's CV** and a **short** (up to two pages) **research statement**, in **one pdf document**. The research statement should identify one or more QSC-PI (for a list of PIs, see <https://Endress-Fellows.unibas.ch>) the candidate would like **to work with**, and suggest a potential **partner group** with complementary expertise at the respective **other QSC node** if possible. Furthermore, candidates are requested to arrange for **two confidential letters of reference**, which need to bear the author's institutional letterhead and (digital) signature. Applications and reference letters shall be **submitted online, via academicjobsonline.org**. Women scientists are particularly encouraged to apply.

The first fellowships will be announced in March 2018, with application **deadline March 1st, 2018**. Applications will continue to be accepted and evaluated throughout the year until the positions are filled. For further information, please contact Endress-fellows@unibas.ch