



The Paul Scherrer Institute PSI is the largest research centre for natural and engineering sciences within Switzerland. We perform cutting-edge research in the fields of matter and materials, energy and environment and human health. By performing fundamental and applied research, we work on sustainable solutions for major challenges facing society, science and economy. PSI is committed to the training of future generations. Therefore about one quarter of our staff are post-docs, post-graduates or apprentices. Altogether PSI employs 1900 people.

The Laboratory for Muon Spin Spectroscopy (LMU) is responsible for the operation of the Swiss Muon Source, a world-class international user facility devoted to high-profile research in physical and material sciences. The facility is used by experimentalists from PSI, university groups and industrial companies. The laboratory has its own strong science program in condensed matter and material research, operates and further develops state of the art muon instruments.

We are looking for a

# Head of Laboratory

for the Laboratory for Muon Spin Spectroscopy

## Your tasks

As head of the Muon Spin Spectroscopy (LMU) you will be responsible for a laboratory (8 senior scientists, 8+ post-docs and PhD students, 2 technicians and 1 secretary), operating 6  $\mu$ SR beamlines and for its scientific and user program. Your task includes to lead a personal research programme funded through peer-reviewed external grants and to have a vision for the future of muons in science and technology. You will work towards excellence on an international scale for PSI to remain a world leading muon user facility. Furthermore, you will also be responsible for outreach to similar institutions and users of our facilities worldwide and for the acquisition of income/projects from external sources. To maintain and strengthen the contacts to Swiss universities and finally support the Department Head in defining the strategy of the Department Research with Neutrons and Muons (NUM) will be a part of your job.

## Your profile

You hold a PhD in natural sciences and you are an active and recognized scientist within the field of condensed matter research of professorial stature. Experience with muons as probes of matter and knowledge of  $\mu$ SR instrumentation would be an asset. In addition, you have experience in leading projects and inspiring both students and mixed groups of scientists, engineers and technical staff. You enjoy leading an international team and like to empower your team members. Excellent communication skills in English and/or German and a service minded and team oriented personality are required.

## We offer

Our institution is based on an interdisciplinary, innovative and dynamic collaboration. You will profit from a systematic training on the job, in addition to personal development possibilities and our pronounced vocational training culture. If you wish to optimally combine work and family life or other personal interests, we are able to support you with our modern employment conditions and the on-site infrastructure.

**Paul Scherrer Institut**  
Human Resources Management  
Sevil Minniti  
5232 Villigen PSI, Switzerland

For further information please contact Dr Kurt Clausen, phone +41 56 310 37 55.

Please submit your application online (including list of publications and addresses of referees) for the position as a Head of Laboratory (index no. 3500-01) here:

<https://www.psi.ch/pa/stellenangebote#!/1204>