PostDoc position at Universität Zürich

We are looking for a young, brilliant and enthusiastic postdoc to work in the Flavour Physics group of the University of Zurich. The group is involved in the LHCb experiment (www.cern.ch/lhcb) and has also a leading role in the SHiP experiment (www.cern.ch/ship).

Concerning LHCb, the group has a leading role in analyses of rare decays of B-mesons and in the Upgrade of the LHCb experiment. In particular, we are involved in the design and construction of a silicon micro-strip based tracking system in front of the LHCb dipole magnet (UT).

Within the SHiP experiment we are involved in physics studies and in the design and construction of the SHiP timing detector. This detector consists of scintillating bars covering an area of $72\text{m}^2$, read out by photomultipliers (PMTs). We foresee a phase of R&D to improve the current design, replacing the PMTs at either end of the bar with Silicon Photomultiplier (SiPM), embedding the SiPM arrays throughout the large area plastic scintillators.

The postdoc should have hardware experience and is expected to conduct leading research in both areas with a large degree of independency and initiative. In addition, he will be required to supervise students.

To apply, please send a CV and the contact details of at least three references to Prof. Nicola Serra
nicola.serra@cern.ch

For more information, please write to the same address.