



The **ATLAS** group of **Prof. Markus Schumacher** at the **University of Freiburg** has an opening for a

Postdoctoral Researcher

in the area of the investigation of the Higgs boson starting on **1st February 2023** or later.

Our group has long-standing research experience and expertise in Higgs boson and electroweak physics and in the development and operation of federated HTC/HPC computing within the ATLAS collaboration.

We are seeking a highly motivated and excellent postdoctoral researcher to contribute to our efforts in the investigation of the Higgs boson exploiting the $H \rightarrow \tau\tau$ decay mode: i. e. measurement of total, fiducial and differential cross-sections, testing CP invariance and the interpretation in the framework of SMEFT. Participation in technical work in the area of tau-trigger or tau-embedding is also expected.

Applicants should hold an excellent PhD degree in particle physics. Expertise as postdoctoral researcher can be beneficial. Applications, including a motivation letter, CV, a description of the research experience, copies of certificates of degrees and the names and contact addresses of three persons to be contacted for letters of reference, should be sent via email in one pdf-file until **15. November 2022** to markus.schumacher@physik.uni-freiburg.de. Later applications will be accepted until a suitable candidate has been found.

The appointment will be initially for a period of two years, with the possibility of an extension. The payment scale is determined according to the public service category TV-L E13.

More information can be obtained from Prof. Markus Schumacher, E-Mail: markus.schumacher@physik.uni-freiburg.de.

Candidates are selected in accordance with the provisions of the AGG (Allgemeines Gleichbehandlungsgesetz - German General Equal Treatment Act). Applicants with disabilities (Schwerbehinderte Menschen) will be given preferential consideration in case of equal qualification. We are particularly pleased to receive applications by women for the position advertised here. Information on the handling of personal data can be found at <http://www.zuv.uni-freiburg.de/service/stellenausschreibungen/datenschutz-bewerbungen/>.