



Postdoctoral Positions on the Belle II Experiment

The Max Planck Institute for Physics (MPP) is engaged in fundamental research in particle and astroparticle physics from both experimental and theoretical perspectives. A major activity is the participation in the Belle II experiment at the SuperKEKB facility in Tsukuba, Japan. Belle II offers the possibility for precision studies of CP violating phenomena, rare decays, the flavor sector in general and much more. MPP's main contribution to the Belle II hardware is a pixel vertex detector (PXD) based on the DEPFET active pixel sensor technology. MPP is also active in software development, especially B-tagging and is preparing the analyses of time dependent CP violation. The first physics run of Belle II will start in February 2019.

We invite applications for **two postdoctoral positions** in the institute's Belle II and Future Detectors groups. The successful candidates should play a leading role in the physics analysis of the Belle II data and the development of software, especially in fields where MPP is already active. In addition, we offer the possibility to participate in the operation, supervision and an eventual upgrade of the pixel detector. We require a PhD in experimental particle physics or closely related fields. The applicants should have a strong interest in heavy flavor physics. Knowledge of ROOT, C++ and good programming skills in general are considered an asset. Since a significant part of the project is carried out at KEK (The High Energy Accelerator Research Organization) the successful candidates will spend a fraction of their time in Tsukuba, Japan.

Salary and benefits are according to the German public service pay scale (TVöD Bund). The contracts are limited to two years, with the possibility for an extension. The Max Planck Society is an equal opportunity employer committed to increasing the participation of women wherever they are underrepresented. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply.

For questions concerning the positions offered please contact Dr. Hans-Günther Moser (moser@mpp.mpg.de) and Dr. Frank Simon (fsimon@mpp.mpg.de). Interested applicants should send an application letter including curriculum vitae, list of main publications, copies of transcripts and a statement of research interests and arrange for three letters of recommendation. Please send your complete written application by **15 September 2018** to ina@mpp.mpg.de.

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The Max Planck Institute for Physics collects and stores personal data that you send for your application. Further information on the data collected can be found at <https://www.mpp.mpg.de/en/studying-and-working/jobs/data-protection-statement-for-job-applications/>

