

Mei Bai currently is the head of Accelerator Operations Division in the Gesellschaft für Schwerionenforschung Helmholtzzentrum (GSI). At the same time, She is also the professor in the department Experimental Physics at the Universität Bonn in Germany. Prior to join the GSI, she was the director of Large-Scale Nuclear Physics Equipment at the Nuclear Physics Institute (IKP-4) of Forschungszentrum Jülich in Germany. She earned her master degree in physics from the University of Science and Technology in Hefei, China, in 1992 followed by a PhD degree in physics from Indiana University in 1999. She joined the Brookhaven National Lab in 1999 as a research associate in the Relativistic Heavy Ion Collider (RHIC), and was awarded tenure scientist in 2009. She continued her research at RHIC until she moved to Germany.

Her research interest is primarily beam physics including spin dynamics. She is also deeply involved in Accelerator technologies, such as beam and spin manipulations, novel beam diagnostics and controls. In particular, she has been passionate about the research and development towards the precision frontier measurements. Her current role of leading the Facility of Antiproton Ion Research (FAIR) phase 0 also led her to the new areas of accelerator operations and large scale project.

In addition to her research in Accelerator science and technology, she is passionate about mentoring the next generation of scientists.