

Contribution ID: 34

Type: Plenary Contribution

Present status of storage rings at HIRFL

Wednesday, 12 October 2011 11:15 (35 minutes)

In this paper, present status of storage rings CSRm and CSRe at HIRFL in Institute of Modern Physics is introduced. During 3 years operation and upgrading, the performance of CSR is getting ready for high level physics experiments including nuclear physics related to high precision mass measurement, hardron cancer therapy and atomic physics research. In addition, further enhancements of the facility are undergoing including Schottky mass spectrometer and stochastic cooling in CSRe, upgrading of the injector will be introduced.

Primary author: Prof. YUAN, You Jin (Institute of Modern Physics, Chinese Academy of Sciences)

Co-authors: OPERATION TEAM, HIRFL (Institute of Modern Physics, Chinese Academy of Sciences); Prof. ZHAO, Hong Wei (Institute of Modern Physics, Chinese Academy of Sciences); Prof. XU, Hu Shan (Institute of Modern Physics, Chinese Academy of Sciences); Prof. XIA, Jia Wen (Institute of Modern Physics, Chinese Academy of Sciences); Dr YANG, Jian Cheng (Institute of Modern Physics, Chinese Academy of Sciences)

Presenter: Prof. YUAN, You Jin (Institute of Modern Physics, Chinese Academy of Sciences)

Session Classification: Accelerator physics and detectors II

Track Classification: Accelerator Physics