Contribution ID: **36** Type: **not specified**

The design of networking and computing system for High Energy Photon Source(HEPS)

Tuesday 13 October 2020 10:40 (20 minutes)

High Energy Photon Source (HEPS) is the first national high-energy synchrotron radiation light source in Beijing China, and will be ready for users and scientists in 2025. According to the estimated data rates, we predict 30 PB raw experimental data will be produced per month from 14 beamlines at the first stage of HEPS, and the data volume will be even greater after over 90 beamlines are completed at the second stage in the near future.
This report will introduce the design of networking,computing and data service system for HEPS.

Primary author: QI, Fazhi (Chinese Academy of Sciences (CN))

Co-authors: Dr ZHAO, Haifeng (IHEP); Ms HU, Hao (IHEP); Dr TIAN, Haolai (IHEP); Mrs ZHANG, Hongmei (IHEP); Dr WANG , Lu (IHEP); Dr HUANG, Qiulan (IHEP); Dr ZENG, Shan (IHEP)

Presenters: QI, Fazhi (Chinese Academy of Sciences (CN)); Dr HUANG, Qiulan (IHEP)

Session Classification: Miscellaneous

Track Classification: Miscellaneous