

BEPC Upgrade and BTCF Design, BEPC GROUP,
PRESENTED BY YINGZHI WU, BEPC - The Beijing
Electron-Positron Collider (BEPC) has been operated for
about 10 years with the first priority to devote to high
energy physics experiments, and many important
experimental results in the area of tau-charm physics
research have been obtained. In order to meet the
requirements for luminosity increment, many upgrades to
hardware and operating configuration have been done since
1994, which resulted an increment in luminosity at BEPC
by a factor of 1.5. As a future plan for the BEPC,
construction of a tau-charm factory at the BEPC site has
been considered and a feasibility study on the Beijing Tau-
Charm Factory (BTCF) has been finished. The preliminary
results of the BEPC upgrade and the BTCF design will be
presented in the report.