



INTERNATIONAL COLLABORATIONS

FIRST ITALIAN-CHINESE JOINT FELLOWSHIP BETWEEN IHEP AND INFN

The first joint Fellowship between the Institute of High Energy Physics (IHEP) of the Chinese Academy of Sciences (CAS) and the INFN got underway. The fellowship was awarded to researcher Lia

Lavezzi, associated with the INFN Division of Turin and since approximately one year member of the Beijing Spectrometer III (BESIII) International Collaboration.

Lia Lavezzi will play an important liaison role, supporting the two-way technology transfer between INFN and IHEP in the construction of the Cylindrical Gas Electron Multiplier Inner Tracker (CGEM-IT) detector for the BESIII Collaboration spectrometer. She will be also involved in strengthening the impact of innovative technologies on the collaboration between IHEP and the Italian group of INFN researchers in BESIII. In particular, Lavezzi, in collaboration with the IHEP colleagues, will be involved in modifying the tracking algorithms and reconstruction of the BESIII experiment, in order to best exploit the potential of the CGEM-IT detector. A highly innovative detector, the latter, funded firstly by the Ministry of Foreign Affairs and International Cooperation (MAECI) within the scope of the Italy-China Executive Programme, and also by the European Union within the scope of Horizon 2020. Its construction, using entirely Italian technology, and its funding process were mentioned during the recent visit of the Minister of Education, University and Research, Stefania Giannini, to IHEP in November 2015, as a virtuous example and as the start of a new phase in Italian-Chinese scientific cooperation. ■