

# Preface

The 19th International Conference on Cyclotrons and their Applications, CYCLOTRONS'10, was organized and hosted by Institute of Modern Physics (IMP), Chinese Academy of Sciences in Lanzhou, P.R.China. This Conference was held in the Ning-Wo-Zhuang Hotel of Lanzhou, China, on September 6-10, 2010. It's the first time for a conference of this series held in China. We would like to express our hearty thanks to all the participants.

This conference was attended by 170 participants from 21 countries. About 144 contributions were presented in talks, including 31 invited oral reports, 21 contributed oral reports and 92 posters. All the contributions were structured in 16 sessions with two sessions in the morning and two sessions in the afternoon, which was very compact. And the poster session was on the first two days with two hours each day.

The contributions in this conference covered most of the hot spot and frontier problems on cyclotrons and their applications, for example, FFAG accelerators and high beam intensity operation. Furthermore, the development and status of some operational cyclotrons, as well as newly operating cyclotrons and those facilities under constructions were also presented. Beyond these, more detailed topics were discussed in this conference, such as radioactive beams, beam dynamics, ion source, strippers and targets, radio frequency systems, magnet and vacuum, beam transport, diagnostics and control and so on.

Besides the significant scientific program of the conference, a reception evening in Ning-Wo-Zhuang Hotel, a conference banquet near the Yellow River, a technical tour of IMP facilities and a half day excursion to Water Wheel Park were also given. All this activities not only provided participants a well comfortable environment to relax themselves, but a further extension for free discussion.

The organizers would like to thank IMP, National Natural Science Foundation of China, Chinese Academy of Sciences, Thamway Co.Ltd (Japan) and Sumitomo Heavy Industries, Ltd (Japan) for sponsoring this conference.

Special thanks should be given to the conference secretaries Qiang Liang, Lijun Mao, Xiaohong Cai, Zhenguo Hu, Xiaodong Yang, Honglian Chen, Jinjie Liang, who prepared and managed the conference with high efficiency and great enthusiasm. Great thanks go to the editors Youjin Yuan, Lijun Mao and Lina Sheng for successfully applying the Scientific Programme Management System (SPMS) of Joint Accelerator Conference Website (JACoW) for the processing and publication of the conference and for their editorial work.

Chair: Wenlong Zhan  
Co-Chair: Hongwei Zhao

September 06, 2010