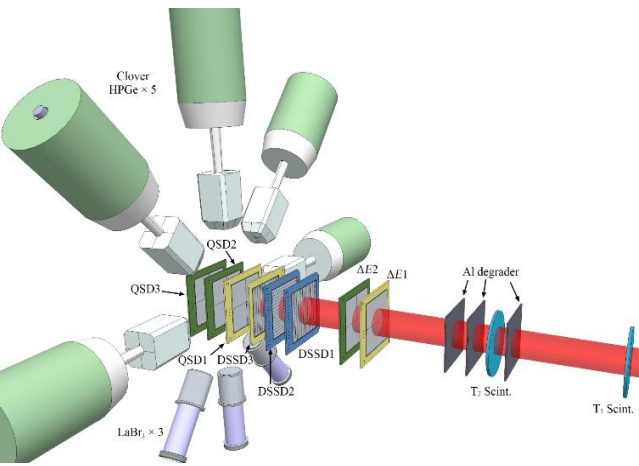


Workshop on beta-decay measurements at IMP for proton-rich nuclei ($20 < A < 30$)

The University of Hong Kong
July 30-31, 2018



Several experiments on beta-decay of proton-rich nuclei ($20 < A < 30$) were carried out at RIBLL1 of National Laboratory of Heavy Ion Research (HIRFL) in the Institute of Modern Physics (IMP, Lanzhou). Data of βp , $\beta 2p$ and $\beta \alpha$ in nuclei including $^{27,28,29}\text{S}$, ^{26}P , $^{22,23,25}\text{Si}$, ^{22}Al and ^{21}Mg provides better understanding of the many-body systems, nuclear structure and astrophysics. The experiments were performed in collaboration of more than 10 institutes. The goal of the workshop is to promote discussion on data analysis and physics interpretation.

