

PSI Secondary Beam Lines Customized to New Experiments

Tuesday 10 September 2013 18:00 (3 hours)

During the last 2 years we customized the PiE1 and the PiE3 beam lines. The PiE1 beam line is used by the μ SR and the particle physics community. The reorganization from one user to another was a time and labor consuming process. We installed an additional bending magnet and additional quadruples. Thus we can now switch within a few days between different users. PiE3 was completely rebuilt to transfer it into a μ SR facility for experiments with high magnetic field. This included also the construction of 2 Wien filters. At other beam lines like PiM1 and PiE5 we support a large user community during preparation of new experiments as well as detector tests.

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