

## **Activities and Opportunities at the Accelerator Laboratory in Bochum**

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In the recent years, the activities at the 4 MV tandem and the 500 kV single ended machine at the accelerator laboratory in Bochum has been focused to nuclear astrophysics and to applications of ion beams, such as material analysis and ion implantation. In the talk an overview over the experimental opportunities and set-ups is given and illustrated by examples of the current activities. In particular the work with Elastic Recoil-separator for Nuclear Astrophysics, the micro beam facilities, studies of  $(\alpha, \gamma)$  reactions with an 12x12'' NaJ(Tl) detector and applications of high resolution depth profiling with low energy resonances will be discussed.