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UHV compatible detector systems for the investigation of direct reactions at the Cryring

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The expected performance of the Cryring will provide the possibility to investigate direct reactions with cooled and stored exotic beams in inverse kinematics. In particular, the energy regime of the Cryring will perfectly fit to the demands for the investigation of one- or few-nucleon transfer reactions.
A new and innovative detector setup, including UHV compatible Si detectors, located around and downstream from the internal target area, was recently designed, constructed, and successfully applied for the investigation of in-ring reactions with exotic beams at the ESR. The design and performance of this experimental setup will be displayed, and potential applications at the Cryring will be discussed

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