

# Working Package

Aperture for the gas-jet target

*until July*

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## 1. Simulation

- 1.1. Finalization of "simple" simulations to define general properties (Mirko) (end of feb)
- 1.2. More advanced and realistic simulations with GEANT4 (Juan-Carlos) (mid/end of april)

## 2. Design

- 2.1. Definition of slit size, thickness and material (with 1.2., end of april)
- 2.2. Design of the mechanics and the moving mechanism (KVI) (design: mid of march)
- 2.3. Communication with ESR control-group (with 2.2.)

## 3. Test and implementation

- 3.1. Installation and test of the moving mechanism in the final chamber (end of june)
- 3.2. Implementation into the ESR control-system (with 3.1.)
- 3.3. Implementation into DAQ/slow control (with 3.1.)