

# Polarimeter Development

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## November:

Run at the KVI: Success!

Measured 1<sup>st</sup> and 2<sup>nd</sup> order sensitivities to displacement in  $x$  and  $\vartheta$ .

See talk later by Gerco.

Compared to model (model needs some improvement).

Presented beam request to COSY PAC: Success!

## Run Plan:

tune beam for adequate lifetime

set up electronics and DAQ

(include Frascati detectors if ready)

measure beam polarization for 4 states

measure efficiency of annular targets

measure sensitivity to variations in  $x$  and  $\vartheta$

if there is time (with RF solenoid):

find resonance, map width (e-cooling on)

attempt Froissart-Stora spin flip

ramp to middle of resonance and stop

look for in-plane polarization

(measure lifetime)

