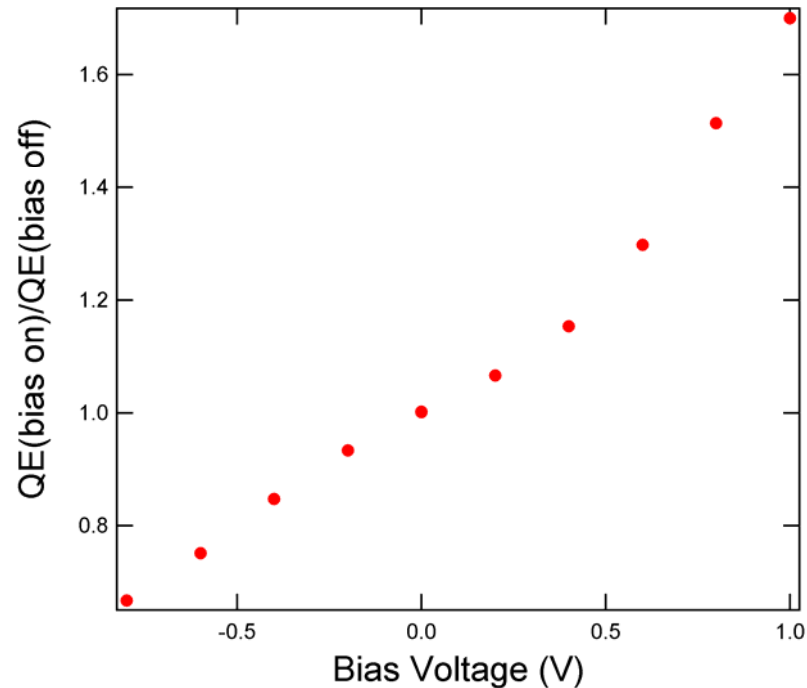


Cathode report 11/09/06

SAXET PROJECT REPORT

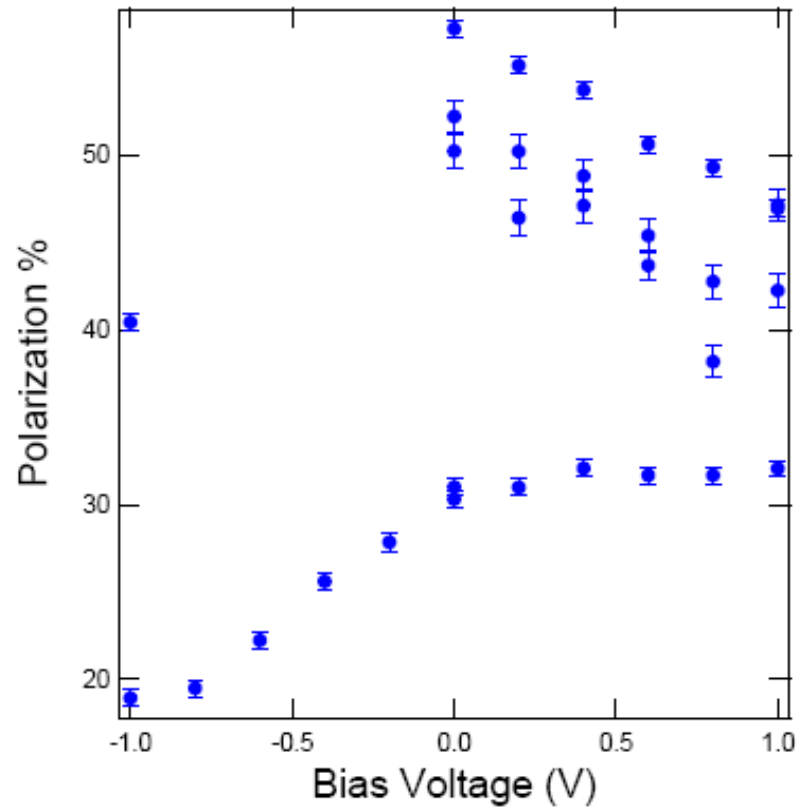
Sample with Re lines and GaAsP/GaAs structure from Canadian Research Foundry



We clearly observe the bias effect on the qe after 1hour of heat cleaning The cathode at 495C

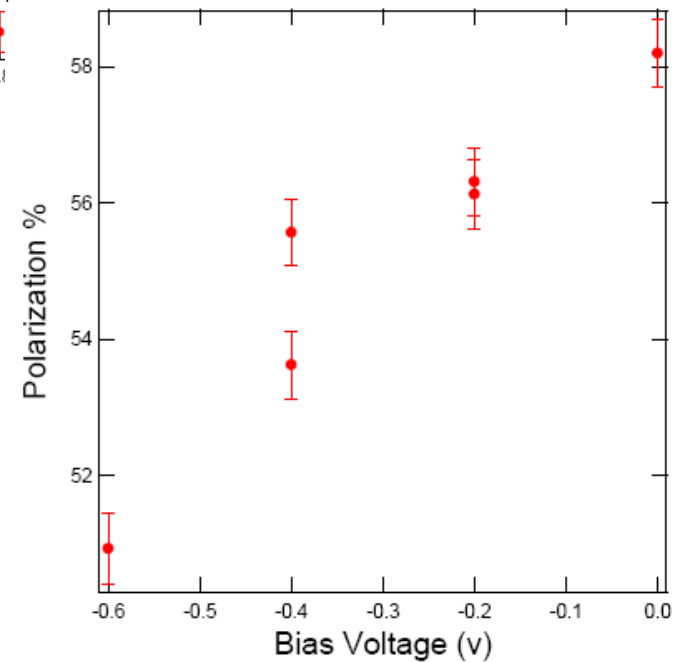
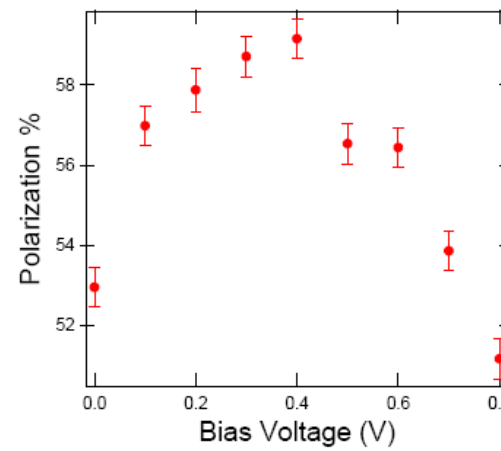
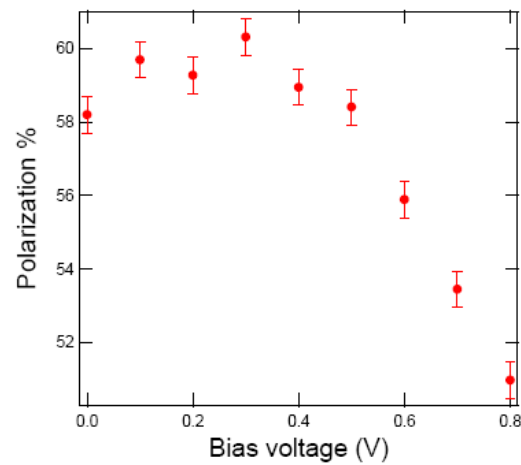
Bias effect on polarization

- Day 1



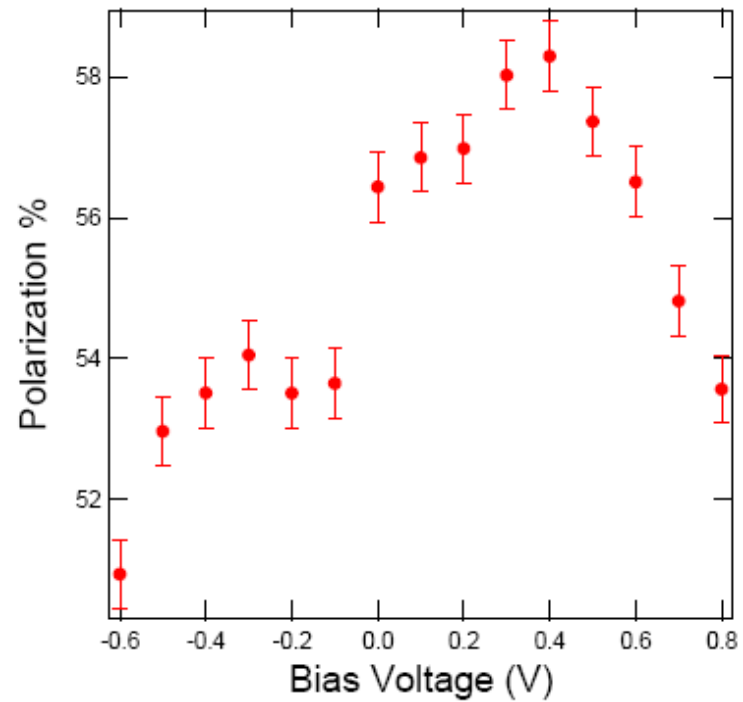
Bias effect on polarization

- Day 2



Bias effect on polarization

- Day 3



Comments

- Results are consistent and encouraging
- We are continuing testing more samples