

Spintronics Researcher update: 11/30-12/14
Recent developments and current plans

- Xi Chen: anisotropy of GaMnAs based sample observed ???
- Gi Bum Kim: experimented with gated structures, reduced threshold Voltage by etching
- M. Cheon field applied to sample 10629F, quenching of domain structure observed.
- Manhong Na: nothing to report
- Madalina Furis: not present
- Kevin Mooney: nothing to report
- Soon-Seok Kim: not present
- Kilyong Ha: AR coating; dry box for 10T magnet
- Gelu Comanescu: doing CR on SDH samples of Manhong. GaMnSb; 10629B
 $m_{\text{hh}} = 0.047 m_0$
 $\mu = 2500 \text{ cm}^2/\text{Vs}$
 $\omega_c \tau = 1$ at around 4T
- Chris Meining: prepares laser transmission experiment on above Mentioned sample