

Spintronics Researcher update: 9/28-10/12
Recent developments and current plans

Xi Chen: working on magnetization measurements of annealed random alloy MnGaAs samples. Will be continuing with these over next couple of weeks.

Gi Bum Kim: finished development of gated Hall bar fabrication. Will be processing GaSb?? samples for transport measurements by Manhong.

Manhong Na: No recent measurements. Waiting for Hall bar samples on GaSb samples.

Madalina Furis: set up differential reflectivity measurements NIR pump/NIR probe in Bonner. Electrical noise problems in Bonner. Need to move setup??

Kevin Mooney: No recent measurements. Will start measurements on InAs samples.

Soon-Seok Kim: Xray measurements of fine scale structure of ???

Kilyong Ha: design of gated van der Pauw and learning processing of same. Will fabricate van der Pauw's on InAs material next.

Gelu Comanescu: working on photoconductivity measurements of MnGaAs alloys using first broadband source with filter. Sees small signal. Will move to FTIR to increase signal to noise and frequency resolve response.

Chris Meining: Analysis of HIGH field magnetoresistivity measurements of MnGaAs alloy samples.