

## MSU Solar Physics 2014 REU Final Presentation

August 6, Wednesday, EPS-258

1:10 – 1:30 Michael DeLuca (Munoz)

"Automatic vs. Human Detection of Bipolar Magnetic Regions: Using the Best of Both Worlds"

1:30 – 1:50 Hannah Alpert (Kankelborg & Jaeggli)

"Studying Magnetic Reconnection through Explosive Events in the Solar Transition Region"

1:50 - 2:10 Michaelah Wilburn (Freed & McKenzie)

"A Representation of Turbulent Motion within Quiescent Prominences via FLCT, Displacement Spectra and Power Spectra"

2:10 - 2:30 Jasmine Brewer (Longcope)

"Modeling a Super-hot, Above-the-loop-top Thermal HXR Source as the Slow-shock-heated Reconnection Outflow"

2:30 - 2:50 Thomas Howson (Longcope)

"PREFT Modelling of Flare Loops: a Presentation Regarding the Evolution of Flare Temperatures"

2:50 - 3:10 Elise Mesenbring (Martens & Plowman)

" Studying the Coronal Heating Problem to Identify Possible Heating Parameters"