October 15th, 2009 – SPIE Michigan Tech Chapter Meeting Minutes:

Meeting Commenced at 6:00 PM in EERC Rm. 121

Election Results (New Officers will become active next meeting. This meeting will still be led by current President Nick Regal):

- President – Ron Kemker
- Vice President – Casey Demars
- Secretary – Nick Regal
- Treasurer – Zhinan Wang
- Advisor – Dr. Christopher Middlebrook

- Observatory status
  a) Took the telescope to the lab for focusing
  b) Put it back to attempt viewing (however a clear night was needed to focus on the moon)
  c) NASA has thermal images of satellite crash into moon but no visible images

- IEEE display competition
  a) IEEE will help cover the cost of designing and building a display that promotes an electrical engineering group
  b) An SPIE display focusing on lasers would be great
  c) Any new ideas for the project are welcome

- K-12 program status
  a) There is a possibility of having a presentation in Nov.
  b) New members are welcome to join this sub-group as more help is always appreciated

- Journal Club reminders
  a) Next Thurs (10/22/09) at the KBC 7 pm
  b) Plenoptic camera paper will be discussed
  c) (A specialty of Ron)

- Fun activity in two weeks (ideas needed)
  a) Attempting to cut a scope in half using water cutter – Jeremy will be asking about it soon
  b) Possible field trip could be in the future

- Paulding Light Update
  a) Lots of data, just need a telescope to confirm what the hypothesis is
  b) Also need to spectrum analyze the light
  c) Will wait for telescope to be finished (Kyle is currently working to get it working)

Meeting concluded at 6:45 pm.