



IEEE

Arrowhead Section Meeting Notice

Date / Event:

Wednesday, May 6, 2015

Dinner Followed by Presentation

Reservations by Noon, Tue. May 5th

BruceHowell@ieee.org

218-343-5546 (leave message)

Time:

Meet & Greet Social: 5:30 ~ 6:00 pm

Dinner from menu: 6:00 ~ 7:00 pm

Meeting Location:

Hammond Steak House

(at the base of the Blatnik Bridge)

1402 N. 5th Street, Superior, WI

UMD Students, Elisabeth Vigness and Jason Peltier, will provide an in-depth presentation of a variable illuminating dog collar they designed and created for their engineering senior design project. The collar gets brighter the farther the dog is from the handler and dims as it comes closer to the handler. The main components used in the design are Arduino microcontrollers, GPS receiver chips and Xbee digital radios that use the IEEE 802.15.4 wireless communication standard protocol.

Arrowhead Section Officers: **Chair:** Terry Larson; **Vice Chair:** Bill Schwalbe; **Sec./Treas.:** Bruce Howell