

Date / Event: Thursday, March 23, 2017 Makerspace Tour Followed by Dinner Reservations by Noon, Wed, March. 22

BruceHowell@ieee.org 218-343-5546 (leave message) Time:

5:45pm - Tour of Duluth MakerSpace 7:00pm - Dinner @ Clyde Iron Works

Tour and Dinner Location: Tour: Duluth MakerSpace 3001 W Superior St, Duluth, MN 55806

**Dinner**: Clyde Iron Works 2920 W Michigan St, Duluth, MN

The rise of Makerspaces closely follows the Maker movement in which physical or virtual communities of artisans, hobbyists and tinkerers build or alter items and often publicly share their original designs or "hacks" to existing products. Duluth MakerSpace cooperative members have access to 3-D printers, metaland wood-working tools, welders, a plasma cutter, craft and art supplies, industrial sewing and embroidery equipment, plus electronics soldering and a hot-air rework station. Evening and weekend classes on everything from Arduino programming to woodworking teach attendees safety, proper tool techniques and sometimes provide the inspiration for new design ideas.

Arrowhead Section Officers: Chair: Terry Larson; Vice Chair: Nickolas Johnson; Sec./Treas.: Bruce Howell