

Meeting 10/29/15

Wikipage bio on mindworks

Two main ideas – two top were the rotary cylinder and motor.

New idea – use a linear actuator (air cylinder) with a spring.

Reasons – we already have the linear actuator and we can start testing.

We could try with one, maybe get a second.

Motor would be easiest to calibrate.

Motor is cheap but driver is expensive.

Easy to program.

Make a pendulum and use motor we already have to make.

Need to figure out arm sizes.

Jason has lots of steel scrap.

Clamps- metal with padding. Can't scratch the surface.

During meeting – basically show him the pendulum and ask what he would want to do (motor, pneumatic, linear actuator spring)

Action items

Feedback form – All

All set up wiki accounts and bios – All but Jason

Make the pendulum – All

- 3:30 in the senior design suite – Tuesday.
- Don't need Dillon but we should tell him.

Ask Pi to bring accelerometer – Jason

Reserve room – Friday the 13<sup>th</sup> – Jay

Ask Mike what time Friday for meeting

Team building class – flying fishing and fly tying – 12:30 TR.

Meeting for Monday agenda:

Say plan to make pendulum

Ask about time for Friday

Show wiki page.

Tell ideas.

Team building class.