

Meeting 12/3/10

Written by Coyt Barringer

Friday, 03 December 2010 22:31 - Last Updated Friday, 03 December 2010 22:54

Today we had a very productive X-labs meeting. We made a list of items that need to be accomplished before the end of Christmas Break, a list of items to purchase, and we talked some about the big Tesla Coil. If you haven't heard, X-Labs has new t-shirts thanks to Joe Register! These shirts cost \$15 each, so bring money to the next meeting if you would like one. X-Labs has also decided to have elections for officer positions upon the return of Christmas Break.

Regarding the Big Tesla Coil, we now have an 8ft by 1ft piece of PVC pipe and over a mile of 20AWG wire to make our secondary! We are also in the process of acquiring parts for a rotary spark gap and purchasing the needed pulse capacitors.

Please see the meeting minutes for more details below:

Advertising

We need to put up flyers. Billie needs to send the flyer to Coyt so that it can be properly posted and made available.

A-frame signs need to be made to put up around campus. We need to set a day to make them.

Trailer

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We need to clean up.

Expo

Demos

Test the fusor and capacitor bank.

Mot stacks need to be reassembled and reinsulated.

Lifter needs to be built.

Things we need to orders

Caps for the Tesla

Seal kit for the vacuum pump

Coyt will get a cart for the small Tesla.

Tesla Coil

We have the wire, and Alex has found someone who is willing to wind the wire for us.

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The lathe probably won't fit, so we probably will end up winding it by hand.

TAW has offered to put a high-voltage coating on our Tesla after we wind it.

Alejandro has a fiberglass disk to use for the rotary spark gap.

Billie will look into whether PVC can be lacquered.

Y1

We are looking for a new captain for the payload team.

Club business

We will hold elections for officer positions at the beginning of next spring.

Order list

Caps (x5)

Seal kit for the vacuum pump

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Tungsten rods

A/V cart for small Tesla

Stuff to find

Motor

Disc

CRT-no standby

Work to be done over the break

Clean trailer, hang doors and X-labs sign, and pressure wash the trailer

Wind the secondary coil

Build lifter, test fusor and cap bank

Build A-frame signs, set up the little Tesla, mot stacks,

We should look into SGA about A-frame signs available

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Last, our new logo:



Thanks,

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