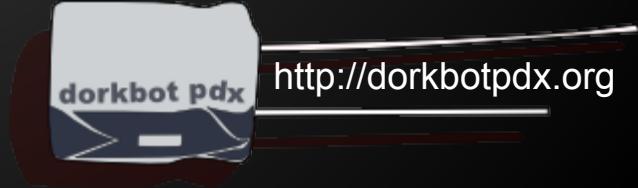


DorkbotPDX

6 years of doing
strange things with electricity
(in portland)



WTF IS DORKBOT?

So you guys make robots?

(no not really)

So then you make art?

(sometimes)

WTF?





<http://www.tribuneindia.com/2004/20040327/nat3.jpg>

WTF IS DORKBOT?

Traditionally:

Melding of art and electronics/tech.

Some folk call this electronic arts.

A forum for presenting works for peer review

Some folk call this presentation/talk/lecture



WTF IS DORKBOT (PDX)?

...now in portland...

- BEER
- INFRASTRUCTURE
- TALKS
- WORKSHOPS
- PROJECTS



HACKING



MAKING



GNIREENIGNE ESREVER

(REVERSE ENGINEERING)

EXPERIMENTING

EXPERIMENTING (and failing)

TEACHING

LEARNING

TINKERING



<http://dorkbotpdx.org>

ELECTRONICS



MICROCONTROLLERS



<http://dorkbotpdx.org>

WEARABLES + TEXTILES

CREATIVE SOFTWARE

SYSTEMS + MATERIALS

SOCIAL



<http://dorkbotpdx.org>

CRITICAL



<http://dorkbotpdx.org>

FUN



<http://dorkbotpdx.org>

OPEN



<http://dorkbotpdx.org>



<https://vimeo.com/groups/dorkbotpdx/videos/34027667>

DORKBOT**PDX** ... some history.



<http://dorkbotpdx.org>

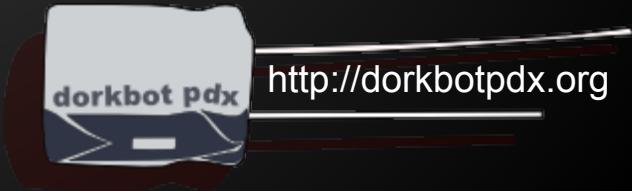
DORKBOT**PDX** DIS/ORGANIZATION

We have no money
Show up
Volunteer!
Do something!



DORKBOTPDX

How to take part:



DORKBOT**PDX** BEER

Informal biweekly Monday meetings 7pm



DORKBOT**PDX** BEER

AN ONSLAUGHT
.....of beautiful things.....

.....shown informally.....

....self-organizing micro curation?.....

DORKBOT**PDX** INFRASTRUCTURE

Website:

<http://dorkbotpdx.org>

Mailing lists:

http://dorkbotpdx.org/wiki/mailing_lists

IRC:

Server: [chat.freenode.net](irc://chat.freenode.net)

Channel: #dorkbotpdx



DORKBOT**PDX** INFRASTRUCTURE

Vimeo group:

<https://vimeo.com/groups/dorkbotpdx>

Calagator:

<http://calagator.org/>

Flickr group:

<http://www.flickr.com/groups/dorkbotpdx/pool/>



DORKBOT**PDX** INFRASTRUCTURE

OSH Park:

<http://oshpark.com/>

FREE parts box

GROUP ORDER (stalled)



DORKBOTPDX TALKS 0x00

dorkbotPDX 0x00

{ people doing strange things }
with electricity



with:
jason plumb;
jesse fox;
donald delmar davis;
paint & copter;
and open dork;
[show + tell: bring your projects!]

Come join DorkbotPDX, people doing strange things with electricity, for our inaugural event at Vendetta on June 24th at 5pm. If you're a hacker, painter, engineer, sculptor, musician or maker you'll fit right in. We bring together the tech and art worlds and enjoy it all over a pint of beer.

sunday, june 24th
5pm until closing
bar vendetta
4306 n. williams
portland, or 97217



<http://dorkbot.org/dorkbotpdx>

summer 2007 at Vendetta
http://dorkbotpdx.org/wiki/dorkbotpdx_0x00



DORKBOTPDX TALKS 0x01

- Cathy Swider - Using LEGO Mindstorm NXT robots with students to create art
- Ward Cunningham - What If Bacteria Designed Computers?
- David Frech - Bootstrap yourself into conviviality by writing your own Forth

spring 2008 at PNCA

http://dorkbotpdx.org/wiki/dorkbotpdx_0x01

<https://vimeo.com/search?q=dorkbotpdx+0x01>



<http://dorkbotpdx.org>

DORKBOT**PDX** TALKS 0x02

- Collin Oldham - The RT (radio trowel) and The Cellomobo
- Shelly Farnham - Dorkbot Dorkbot Dorkbot + Seattle
- Steve Davee - Not to kill a thought: The impact of language on curiosity, creativity and scientific inquiry

fall 2008 at AboutUs

http://dorkbotpdx.org/wiki/dorkbotpdx_0x02

<https://vimeo.com/3859792>



<http://dorkbotpdx.org>

DORKBOTPDX TALKS 0x03

- Andrew S. Parnell - Semaphore-bot, Tangolumen, and Cardiolumen: a multifaceted exploration of the data we create both consciously and unconsciously and their inherent value.
- Michael Bunsen - Dome Control: Altering a space via physical and web-based interfaces
- Dan Gilsdorf - Works from 2006 to the present, including the recent exhibitions Interiotrope, 2008 and SRO Video, 2009.

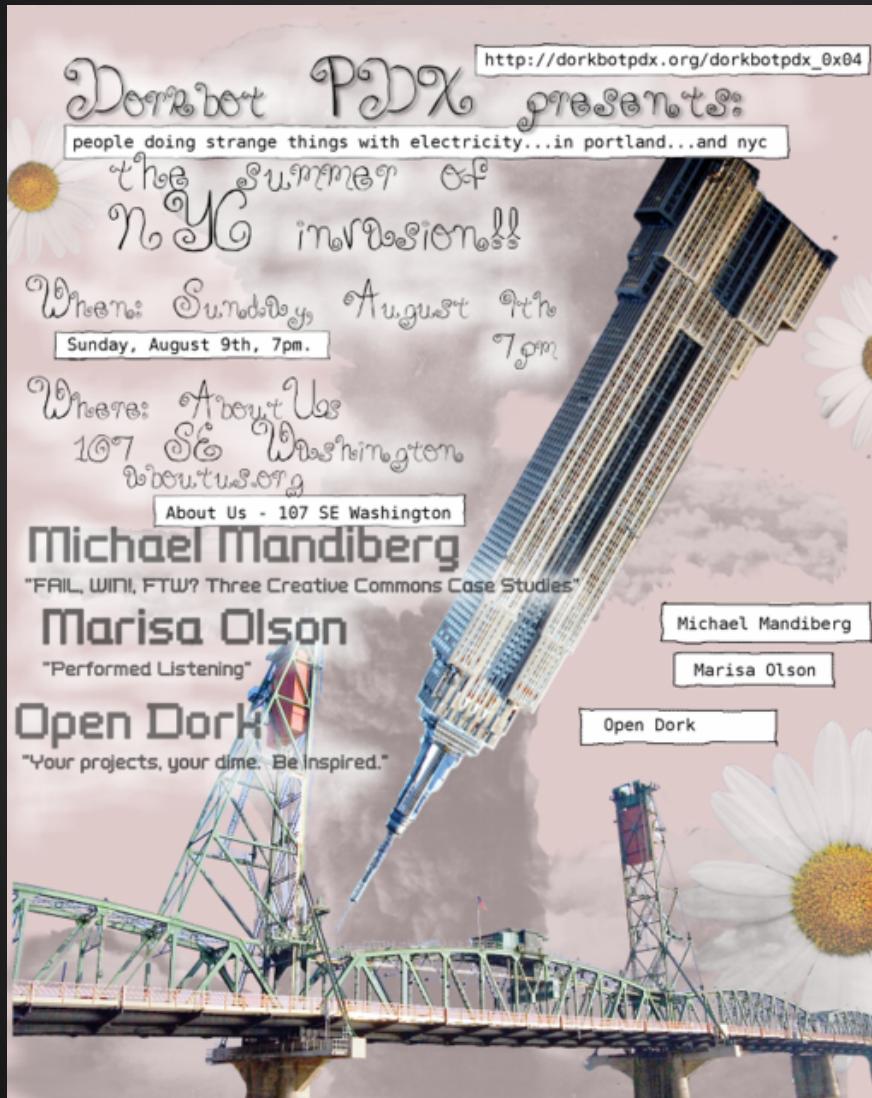
spring 2009 at AboutUs

http://dorkbotpdx.org/dorkbotpdx_0x03

(videos linked for each)



DORKBOTPDX TALKS 0x04



summer 2009 at AboutUs

http://dorkbotpdx.org/dorkbotpdx_0x04

<http://dorkbotpdx.org>



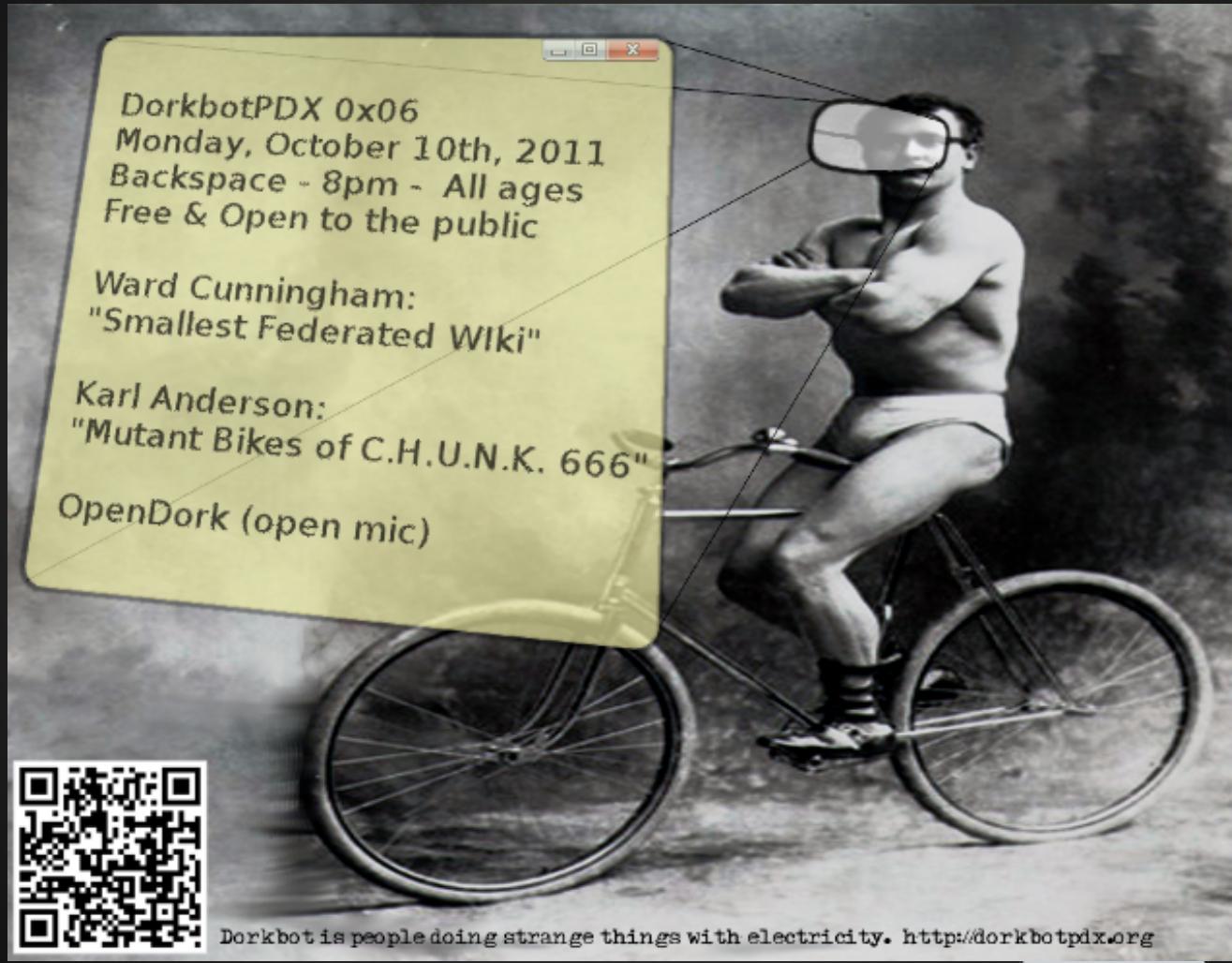
DORKBOTPDX TALKS 0x05

- Summer party 2010
- HUGE OPENDORK
- LIVE NOISE/EXPERIMENTAL MUSIC

summer 2010 at Backspace
http://dorkbotpdx.org/2010_summer_party



DORKBOTPDX TALKS 0x06



fall 2011 at Backspace
http://dorkbotpdx.org/dorkbotpdx_0x06



<http://dorkbotpdx.org>

DORKBOTPDX TALKS 0x07



STRANGE THINGS,
WITH ELECTRICITY.
HERE IN PORTLAND.

- ★ When: December 5th, 2011 8pm
- ★ Where: Backspace
- ★ Cost: \$ Free! \$

- ★ Art & Electronics: Arcing the Gap
Jesse Mejia
- ★ SPROING!
Simran Gleason
- ★ Getting Started With RF
Ward Ramsdell



DORKBOTPDX TALKS 0x08



winter 2012 at Backspace

http://dorkbotpdx.org/dorkbotpdx_0x08



<http://dorkbotpdx.org>

DORKBOTPDX TALKS 0x09

The graphic features a television set on the left side. The screen displays a QR code and the text "XBOX". To the right of the TV, the words "DORK BOT PDX" are stacked vertically in large, bold, grey letters. Below them, the word "0x09" is written in a larger, bold, grey font. The entire graphic is enclosed in a frame with a blue-to-yellow gradient border.

- Monday June 18th, 2012
- Backspace.bz (115 NW 5th)
- 8pm. Free and open to the public.
- Christi Denton :: LAMOSO
<http://the-compound.org/lamoso.php>
- Jeremy Rotsztain :: Digital Painting
<http://www.mantissa.ca/projects/actionpainting.php>
- OpenDork is you.
- http://dorkbotpdx.org/dorkbotpdx_0x09

spring 2012 at Backspace
http://dorkbotpdx.org/dorkbotpdx_0x09



<http://dorkbotpdx.org>

WORKSHOPS

<http://www.dorkbotpdx.org/wiki/workshops>

DORKBOTPDX WORKSHOPS



<http://www.flickr.com/photos/14196411@N07/5216124281/in/pool-dorkbotpdx>

DORKBOT**PDX** WORKSHOPS

Arduino cult induction

Circuit bending

Pd / Synthesis (<http://puredata.info>)

Processing (<http://processing.org>)

Electronics / PCB design

Soldering (and surface-mount)

E-textiles/wearables (<http://cacophonouscreations.com/>)

<your workshop here>

OPEN LAB!

PROJECTS

DORKBOT**PDX** PROJECTS

THE GROUP SHOW AT ON:GALLERY

Retina Tattoo Gun v2

Maxwell's State Space

Whirls

Bed (green fuse)

Cardiolumen

Hilbert Curve Coffee Table

LED scales fish

DORKBOT**PDX** PROJECTS

TOORCAMP

Group camp organization

Volunteer/support

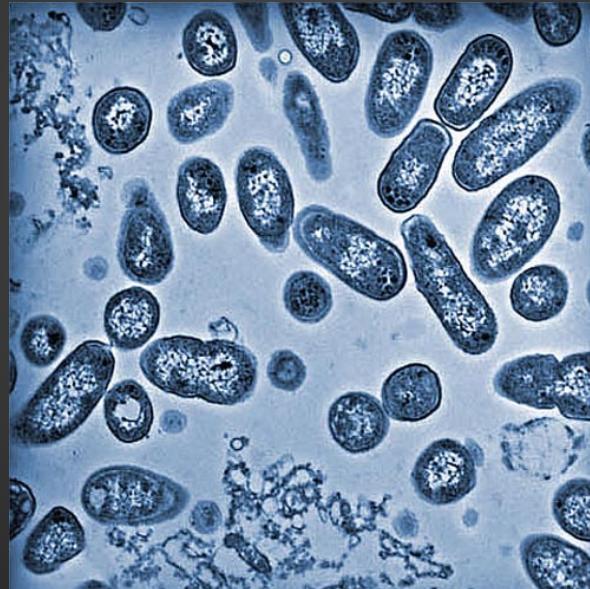
Closing ceremony performance

<http://www.youtube.com/watch?v=kDpdnAmAjl4>

(we didn't shit in the power dome)

DORKBOT**PDX** PROJECTS

THE BUS PIRATE



COMMUNITY
FTW!!!!

Jared, Greg, Laen(!!), Scott, Monty, everybody

http://dorkbotpdx.org/blog/siliconfarmer/building_the_bus_pirate_at_home

DORKBOTPDX PROJECTS

THE BUS PIRATE



<http://www.flickr.com/photos/45905937@N06/7082675543/in/pool-dorkbotpdx>

<http://www.flickr.com/photos/45905937@N06/6936596982/in/pool-dorkbotpdx>

DORKBOTPDX PROJECTS

CONNECTION/SUSPENSION THE GROUP SHOW AT STYLOID PROCESS

Ross Young - Wall Disruption

Philip Graham (Ear Trumpet Labs) - Handmade Microphones: Audio Bricolage

Jesse Mejia - Alcohol Swells

Libbey White - Augmented Reality Booth

Jason Plumb - Fatal Machine

Ward Cunningham - Uno the Integer

Cameron Adamez - Conversation Piece

Donald Delmar Davis - Creeper

Cat Poole - E-Textile Projects

Michael Bansen - Calling Response

Mark Medonis - Maxwell

<http://dorkbotpdx.org/2011+connection+suspension>

<http://www.youtube.com/watch?v=nTqUCHcbTqk>

DORKBOTPDX PROJECTS



<http://www.flickr.com/photos/feurig/6121958948/in/pool-dorkbotpdx/>

DORKBOT**PDX** PROJECTS

EXQUISITE CORPSE

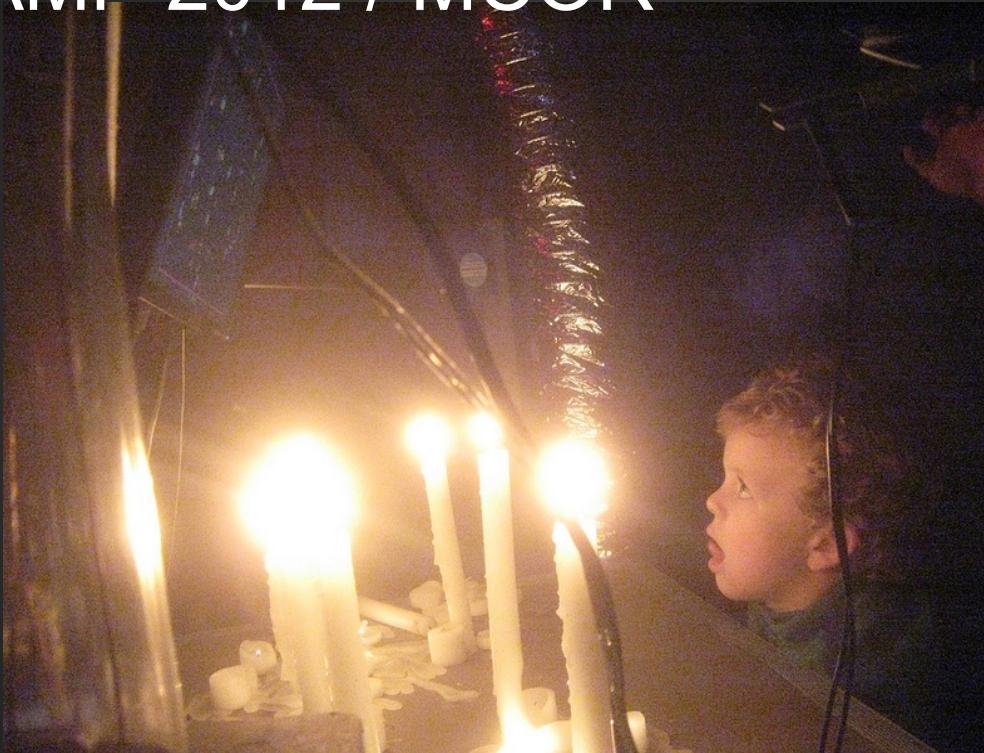
12 artists

12 months

in-progress

DORKBOTPDX PROJECTS

TOORCAMP 2012 / MCOR



<https://vimeo.com/49144596>

<http://hackaday.com/2012/08/20/toorcamp-the-church-of-robotron/>

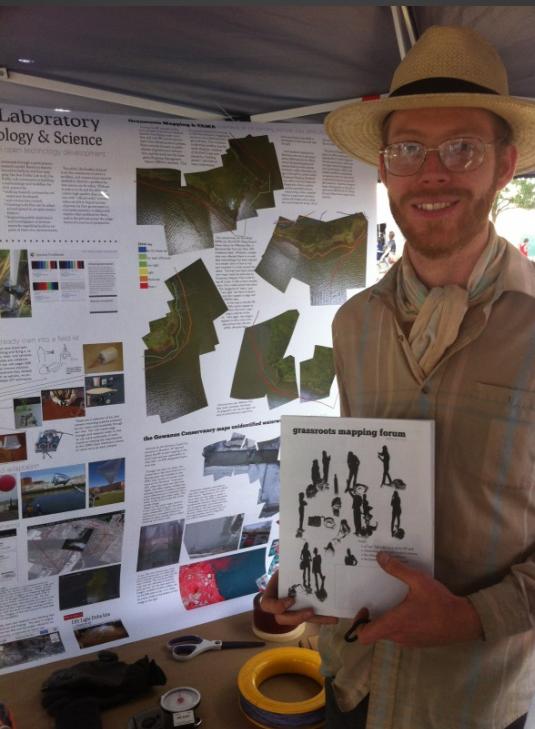
http://dorkbotpdx.org/blog/jmej/toorcamp_2012

<http://churchofrobotron.com/>

<http://www.flickr.com/photos/karlanderson/7779713052/in/photostream>

DORKBOTPDX PROJECTS

MINI MAKER FAIRE



<http://blog.makezine.com/2012/09/16/portlands-first-maker-faire/>

DORKBOTPDX

TONS OF AMAZING STUFF
I HAVE MISSED OR FORGOTTEN
this brilliant age
this modern time....
...in overwhelm mode....
but inspired...
and awestruck.....

...i keep coming back

.....questions.....



<http://mightyohm.com/blog/2011/02/dorkbotpdx/>