



# Bay Area Consortium of Hackerspaces

Newsletter #1

August 2013

## Bay Area Hackerspace Roundtable

BACH is a loosely-organized association of hackerspaces in the San Francisco Bay Area. BACH strives to be very thin, with almost no over-head. We exist to help member spaces coordinate, communicate, and collaborate. Above all, we support the Bay Area hackerspace community's existent inter-dependence and resilience. Learn more and find notes on past roundtables at [hackerspaces.org](http://hackerspaces.org).

Our next BACH Roundtable will be in September (date TBD) at LOL [Liberating Ourselves Locally], a people-of-color-led, gender-balanced makerspace in East Oakland. [Subscribe](#) to the mailing list and stay tuned for an announcement with date, time, and address!

## Upcoming Events Across the Bay

### August

- CakeFest (CakePHP), Aug 29-Sept 1, online and in San Francisco <http://cakefest.org>
- Disability Awareness Night 2013, Aug 16, San Jose Giants Stadium
- Bay Area Homebrew Festival, Aug 24, Fort Mason Center

### September

- [SynBioBeta SF](#), November 15th at the Mission Conference Center, 7am-7pm.

### October

- Bay Area Drupal Camp 2013, October 24-27, Berkeley <http://2013.badcamp.net>
- Responsive Design Studio, October 15-16, Mountain View <http://rosenfeldmedia.com/events/responsive-design-studio/fall-2013/>
- Design Hacking, 14 Nov, and Finance Hacking, 8 Oct, Hacker Dojo, Mountain View

# August Updates

**Hackermoms** is closed for August. <http://mothership.hackermoms.org/calendar/>

**San Leandro Coworking** and **HayHackers** are exploring the idea of combining forces to represent the middle and south side east bay. At some later point we can divide and spread across the land, helping to reach our Fremont hackers closer to where they live.

## Ace Monster Toys

<http://meetup.acemonstertoys.org/>

- 3D Printing, every other Wednesday @ 7:30pm (August 14, 28)
- Arduino / Raspberry Pi / Microcontrollers, alternating Wednesdays @ 7pm (August 7, 21)
- Assemble 3D Printers, alternating Wednesdays @ 7:30pm (August 14, 28)
- Sewing & Textiles Open Lab, every other Tuesday @ 7pm (August 13, 27)
- General Meeting / Open House, every Thursday @ 7:30pm
- CNC Router Introduction, Tuesday, August 13th @ 7pm
- Learn to Use a 3D Printer, Wednesday, August 14th @ 7pm
- Hacker Scouts Open Lab, Sunday, September 1st @ 2pm

## Counter Culture Labs

<http://www.meetup.com/Counter-Culture-Labs/>

- [Open Bioinformatics: Exploring the Genome](#), Sunday, August 11th @ 7pm @ Sudo Room
- [Weekly Working Meetings](#), every Wednesday @ 6pm @ Ahnon's
- Monthly General Meeting, Last Fridays @ 6pm @ Sudo Room

## Hacker Dojo

<http://hackerdojo.com>

- The 12 Tasks of Hercules: Robot hacking every Saturday @ 1:30pm
- Laptop Music Production Workshop, Tuesday, August 13th @ 7pm
- [SVSC - Quantum Computing Discussion Group](#), Friday, August 16th @ 5pm
- Repair Cafe Mountain View, Sunday, August 18th, 10am-5pm
- Linux Virtualization Workshop, Monday, August 19th @ 7pm
- Internet of Things Silicon Valley Meetup, Tuesday, August 20th @ 6pm
- [Cooking For Hackers: Steak And Red Wine](#), Wednesday, August 21st @ 6:30pm
- [Spokenvote - Rails for Charity Hack Session](#), Sunday, August 25th @ 6pm
- [Execution Models & Architectures for Big Data Cloud Computing & Streaming](#), Monday, August 26th @ 7pm
- HTML5 Game Development Study Group: Tuesday, August 13th, Tuesday, August 20th, and Monday, August 26th @ 6pm

## **LOLspace**

- LOL Open Hack Night: Decolonizing Technology every Monday starting @ 7pm
- How We Move: Urban dance class on Sunday, August 18th starting at noon
- Construction Class every Saturday starting @ 1pm
- Resilient Communities Legal Cafe, a non-profit legal advice clinic hosted by the Sustainable Economies Law Center, every First Thursday starting @ 4:30pm

## **Marin Makers**

<http://www.meetup.com/MarinMakerspace/>

- Planning for the Mini Maker Faire, Tuesday, August 20th @ 6:30pm
- Monthly General Meeting, every First Tuesday @ 6:30pm
- Even more planning for the Mini Maker Faire, Tuesday, September 10th @ 6:30pm

## **Noisebridge**

- Special event: Saturday, August 10, 16:00:  
[Noisebridge "\\_\\_\\_\\_\\_ the Bridge" Party](#), a summer fundraising party for Noisebridge
- Circuit Hacking Monday, every Monday @ 7:30pm
- Frontend Web Development, every Monday @ 8pm
- Gamebridge Unityversity, every Monday @ 7pm
- Noisebridge Weekly Meeting, every Tuesday @ 7pm
- Five Minutes of Fame, every Third Thursday @ 8pm
- BAHA - Bay Area Hacker's Association security meetup, Second Sundays @ 2pm
- Tastebridge / Vegan Hacker monthly food hacking, Last Thursdays @ 7pm
- Post-Waste Nexus every Thursday except for 3rd Thursdays @ 7pm
- 3D Thursdays (3D Printing & Fabrication) every Thursday except for 3rd Thursdays @ 7pm

## **Sudo Room**

<http://sudoroom.org>

- Today I Learned is a series of one-off classes and workshops, every Saturday from 2-5pm. Check [https://sudoroom.org/wiki/Today\\_I\\_Learned](https://sudoroom.org/wiki/Today_I_Learned) for the full schedule!
- Sudo Kids every Tuesday, starting at 5pm.
- Microcontroller Hacking Night every other Tuesday @ 7pm [August 13, 27]
- Python and Javascript meetups every Thursday @ 7pm
- Oakland Wiki meeting every Thursday @ 7pm
- Oakland Mesh Network hack nights every Thursday @ 8:30pm
- Cryptoparty / Digital Security Workshop every Third Sunday starting @ 2pm
- POSSE [Potluck Orientation Skill-share Swap-meet Event] Party every Third Friday from 6-9pm
- General Meeting and Potluck every Wednesday @ 7pm
- Most Awesome Guacamole Fest Fundraiser (TBD in August)

## **Awesome projects happening in various hackerspaces**

### **Ace Monster Toys**

- We crowdfunded a brand new CNC Metal Mill, for fabricating custom parts from solid blocks of metal. <http://on.fb.me/11v5B32>
- Stefan is making his own bow for archery: <http://on.fb.me/1coYygl>
- Humanoid robot made from 16 servos: <http://on.fb.me/19xOOBe>
- Fabricating custom PCBs (circuit boards) using desktop CNC router: <http://on.fb.me/16EN6c2>
- 3D scanning and then 3D printing ourselves: <http://on.fb.me/167AM45>
- Lasercutting leather goods: <http://on.fb.me/15c4VTc>
- Tesla Coils! <http://on.fb.me/17iUWHn>

### **Counter Culture Labs**

- Glowing algae bioart is currently in ideation stage!
- [The Desktop Biolab](#) is a project to create a low-cost desktop biotech lab to help citizen scientists do genetic engineering at home.
- A fork of the community education space, Berkeley Biolabs is to be a biotech incubator for therapeutics-based clinical research.

### **Noisebridge**

- Excellent LED hacking projects combining electronics and arduino! A skill-share event took place last Tuesday, August 6th. Among the projects worked on included a LED matrix display, a VU-type meter and a coat with 200+ LEDs.
- [The Noise Orchestra](#) is an open ensemble of handmade, hand-wired, and hand-coded instruments.
- [Post-Waste Nexus](#) endeavors to reuse and recycle electronic waste, place refurbished computers with free and open source software in our communities, provide education and job training, use environmentally responsible e-waste handling practices, and operate under consensus decision making.
- A group of Noisebridgers, the [DreamTeam](#), are conducting research and working on projects related to brain computer interfaces.
- Some Noisebridgers just finished a super-successful [Kickstarter campaign](#) for Piksi, a low-cost RTK GPS receiver (centimeter level precision) with open source software and board design targeted at UAVs.

## Sudo Room

- The [Oakland Mesh group](#) successfully crowdfunded the first round of hardware for the community wireless network we're building throughout East Oakland. Want to join the mesh? Add your node here: <http://meshmap.sudoroom.org>
- [GETit](#) is collaborating with local clinics to develop novel therapies for the eradication of antibiotic resistant gonorrhea.
- Some folks have been working on a brain-computer interface for controlling MC Hawking, the open source robot currently on loan from Noisebridge.
- SudoMaté RISE is a carbonated yerba mate natural energy drink. An open source soda: <https://sudoroom.org/wiki/Sudomate> - available at Sudo Room.
- Subiir is currently brewing their 7th batch: [https://sudoroom.org/wiki/Subiir\\_7](https://sudoroom.org/wiki/Subiir_7)
- Juul is building an arcade machine running all free and open source video games, and with a variety of controllers.
- Eddie Che is building a small mobile greenhouse for growing food, and previously built a rocket stove at the space: [http://commons.wikimedia.org/wiki/File:Rocket\\_Stove\\_Finished.jpg](http://commons.wikimedia.org/wiki/File:Rocket_Stove_Finished.jpg)
- Sun Synchrony is building and designing a new device for producing solar electricity. The cells are more than twice the power of conventional silicon cells, and this system provides nearly double the electricity per given area, charges electronics much faster solar, and offers maximum OFF-GRID INDEPENDENCE.

## We Have Questions

Does your hackerspace have its own general liability insurance? Would you be interested in pooling to get a better price on a policy, if available?

## Credits

- Kudos to **Ace Monster Toys** who actually emailed their updates when asked Others: you can learn!
- **Jenny Ryan** (Sudo Room) collected most of these updates by hand. Yes, from each site, one by one. Deep bows of gratitude for representing everyone so well.
- **Judi Clark** (SL Coworking) added a few updates, did the layout for the print & pdf, and printed some hand-out versions.
- 

## Calendar Feeds

1. Hackermoms: <http://www.google.com/calendar/feeds/hsflo4jnaakg2vrp4addsimceg%40group.calendar.google.com/public/basic>
2. Noisebridge: [https://www.google.com/calendar/embed?src=1uesj915rces4cbmcr8j3sg8t0%40group.calendar.google.com&ctz=America/Los\\_Angeles](https://www.google.com/calendar/embed?src=1uesj915rces4cbmcr8j3sg8t0%40group.calendar.google.com&ctz=America/Los_Angeles)
3. Sudo room: [https://sudoroom.org/?plugin=all-in-one-event-calendar&controller=ai1ec\\_exporter\\_controller&action=export\\_events&cb=771572433](https://sudoroom.org/?plugin=all-in-one-event-calendar&controller=ai1ec_exporter_controller&action=export_events&cb=771572433)
4. Ace Monster Toys: <http://www.meetup.com/Ace-Monster-Toys/events/rss/Ace+Monster+Toys/>
5. Hacker Dojo: <http://events.hackerdojo.com/>
6. Marin Makers: <http://www.meetup.com/MarinMakerspace/>