

# BUILD YOUR OWN INTERNET

Saturday, January 27<sup>th</sup>

Omni Commons Ballroom

What if the internet wasn't about connecting to Comcast, AT&T, Google, or Facebook?

What if it meant connecting directly with your friends, neighbors, and community...?

## AGENDA

2:00pm - Introduction

2:15pm - Panel discussion

3:00pm - Hands-on workstations and demos

5:00pm - End / clean up

## PANELISTS

**Tracy Rosenberg** - Tracy has worked as Media Alliance's Executive Director since 2007. She has organized and advocated for a free, accountable and accessible media system, focusing on the protection and sustainability of alternative media outlets monitored the mainstream media for accuracy and fair representation and facilitated the training of numerous nonprofit organizations and citizen's groups in effective communications. She blogs on media policy and surveillance technology and currently sits on the board of the Alliance for Community Media Western Region and the anchor committee of the Media Action Grassroots Network.

**Shahid Buttar** - Shahid is a constitutional lawyer focused on the intersection of community organizing and policy reform. He

leads EFF's grassroots outreach efforts, graduated from Stanford Law School in 2003, and since 2009, led the Bill of Rights Defense Committee as Executive Director until he joined EFF in 2015. Outside of his work at EFF, Shahid also DJs and produces electronic music, writes poetry & prose, speaks truth to power on Truthout, occasionally elucidates legal scholarship, and documents counter-cultural activism for the Burning Man Journal

**Tim Pozar** - Tim has been working on democratizing communications since helping start his first community radio station (KFCF) in 1975. In the seventies and eighties, development of bulletin board systems. He wrote software to connect BBSs to networks that connected to the Internet. In 1990, he co-founded one of the first ISPs in the world (TLGnet). He has co-founded companies like Brightmail, an anti-spam company and help design architecture in the early stages of companies like Internet Archive. Currently he runs a community fiber network in San Francisco known as the Community Broadband Network that provides free Internet to 10's of thousands of low income residents. He is also known for authoring a number of papers and books on wireless networking.

**Preston Rhea** - Preston is a community technologist with a decade of organizing experience. Currently the field operations manager at Monkeybrains, a local net-neutral ISP in San Francisco, he leads a project there to connect over 1,000 affordable housing units with gigabit internet. Earlier in the decade, he was a field analyst at the Open Technology Institute in DC working on the Commotion Wireless Project's field team and taught the inaugural Digital Stewards curriculum with the Detroit Digital Justice Coalition in Detroit, Michigan, and the Red Hook Initiative in Brooklyn. While in DC he also organized several neighborhood mesh wireless network.

# Workstations

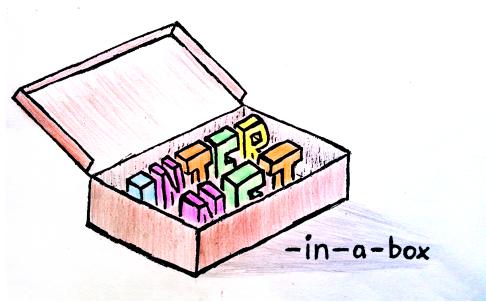
Learn about the tools needed to build your own internet. Check out the projects we've been working on. Find how you can get involved! -- *If you have trouble finding any of the stations, look for the matching signage.*

## Crimping Station

Wanna learn how the tubes of the internet are made?  
It's easy, we'll teach you!



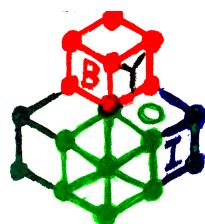
People's Open presents *Internet-in-a-Box*



Imagine if you could fit the entire internet in to a single shoebox. Well, maybe not a shoebox, but you get the idea. See the hardware being used to build the People's Open Network in action.

## buildyourowninter.net:

We are not alone. There are community networks that popping up around the world. Some are thriving, others are just figuring it out. Find out where they are, what they are doing, and how they connect.



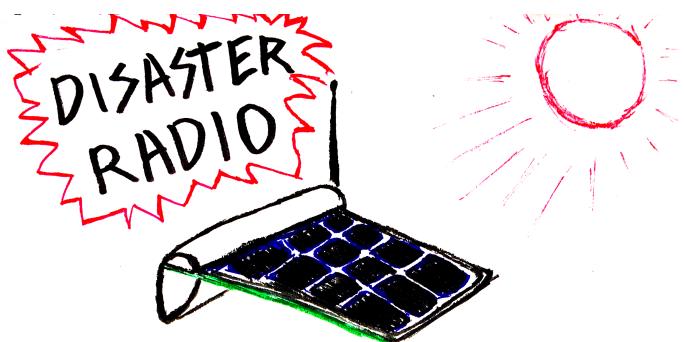
## Make Your Own SWAG

If you're willing to build your own internet, you might as well make your SWAG too! Stop by to punch buttons, cut stickers, and draw with crayons. Earn your SWAG and show people you care about community networks.



## disaster.radio

A disaster-resilient communications network powered by the sun. When the critical infrastructure that so many of us take for granted goes away, how do we organize ourselves and our communities to respond? [disaster.radio](#) addresses this problem.



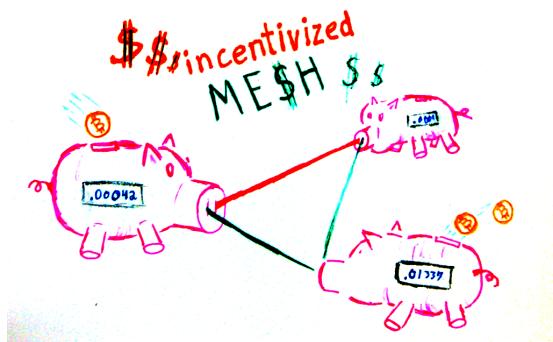
## Garden Mesh

Wondering how you might use a mesh network for your hands on projects? Find out how you can use networked tools to take control of your garden, your ferments, or any other living system by collecting environmental data. We want to help you build your very own mesh! Use it in your garden or greenhouse, use it to monitor your home brewed beer or kombucha, or just set one up in your house to visualize the daily cycles of hot and cold as the earth spins around the sun.



## Incentivized Mesh

A live demo of a mesh network with the addition of payments between nodes, and routing based on the cheapest path. In the future, this could provide a middle ground between community mesh networks and ISPs. Community members could be automatically compensated for hosting equipment, without needing a centralized ISP or nonprofit to bill customers.



## Community Mapping

Ask questions and find out how to get your community connected. Put yourself on the map and become a node on the People's Open Network.



## Crypto-Table (*featuring special guest Bill Buddington*)

Privacy is for everyone. Come by to learn about tools and apps that will protect your privacy and secure your devices while using the internet.



Thanks for coming to the **Build Your Own Internet Workshop and Panel**. Make sure to sign up for our mailing lists at the Welcome Table near the entrance