London Hackspace
Electromagnetic Field
Hack the Barbican

Creative Community Spaces

Martin Dittus, @dekstop
14 May 2013

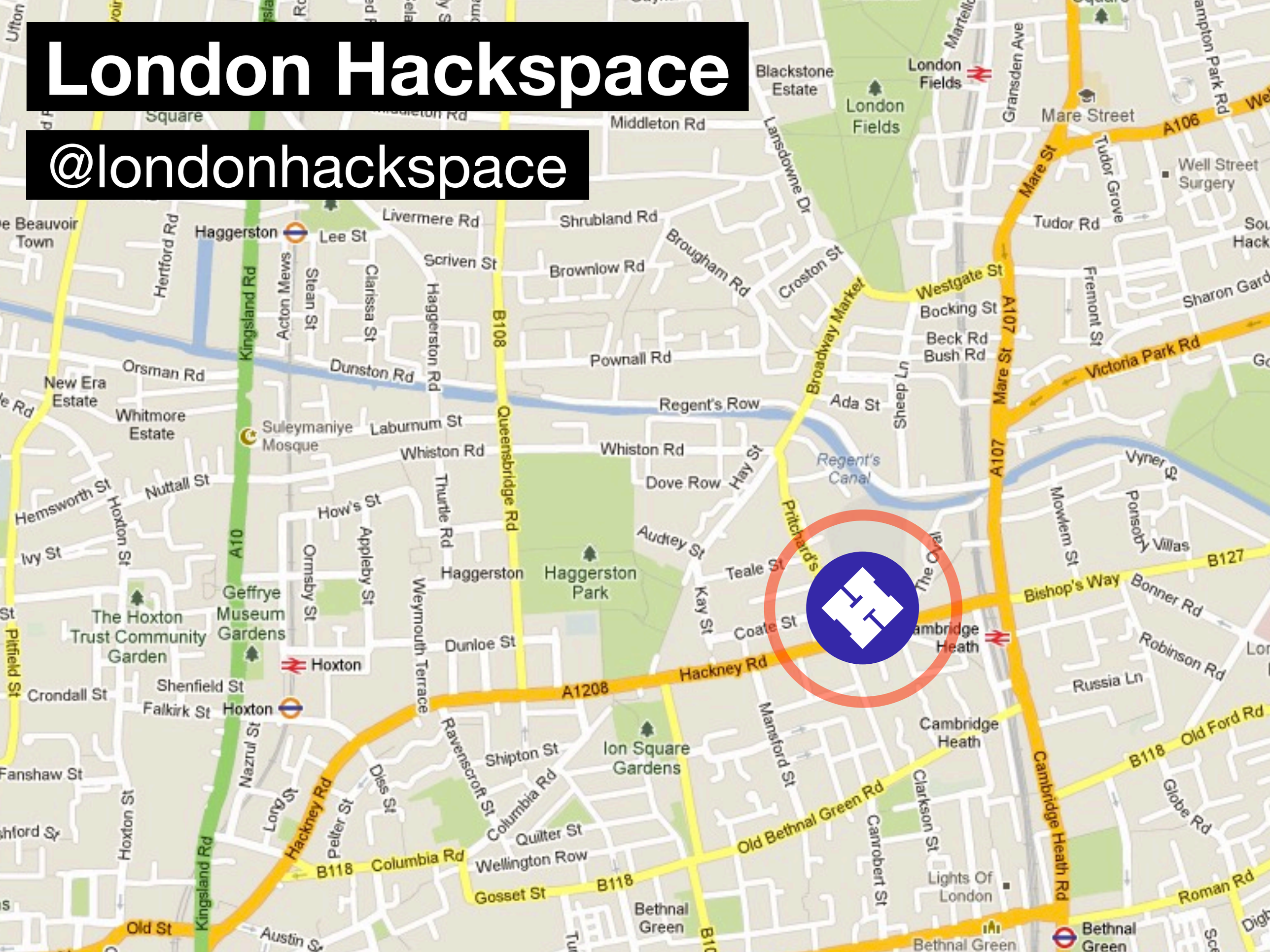
London Hackspace

@londonhackspace

http://www.flickr.com/photos/dekstop/8637579725

London Hackspace

@londonhackspace



London Hackspace

@londonhackspace

http://www.flickr.com/photos/chaoticeunoia/8119528671/

London Hackspace

@londonhackspace

http://www.flickr.com/photos/dekstop/6146611381

London Hackspace

@londonhackspace

http://www.flickr.com/photos/fishies_go_pook/8658256153

London Hackspace

@londonhackspace

http://www.flickr.com/photos/daniel-sikar/7846548022

London Hackspace

@londonhackspace

http://wiki.london.hackspace.org.uk/view/Project:6ft_T-Rex

London Hackspace

@londonhackspace

http://www.flickr.com/photos/dekstop/5210262035/

London Hackspace

@londonhackspace

http://www.flickr.com/photos/dekstop/6146633147

The London Hackspace is not an agency, a collective, a studio space, a co-working space, ...

Mostly our members use it as

social space, to learn new things, and to work on personal projects.

http://www.flickr.com/photos/78307814@N08/7005853635

http://www.flickr.com/photos/fishies_go_pook/8054241726

http://www.flickr.com/photos/fishies_go_pook/8054699371

http://www.flickr.com/photos/chaoticeunoia/8017106143/

http://www.flickr.com/photos/chaoticeunoia/8017103056/

Open Source Sailing Drone

protei.org

http://www.flickr.com/photos/worldworldworld/6825307093

LHS Bikeshed

@LHSBikeshed

http://lhsbikeshed.tumblr.com

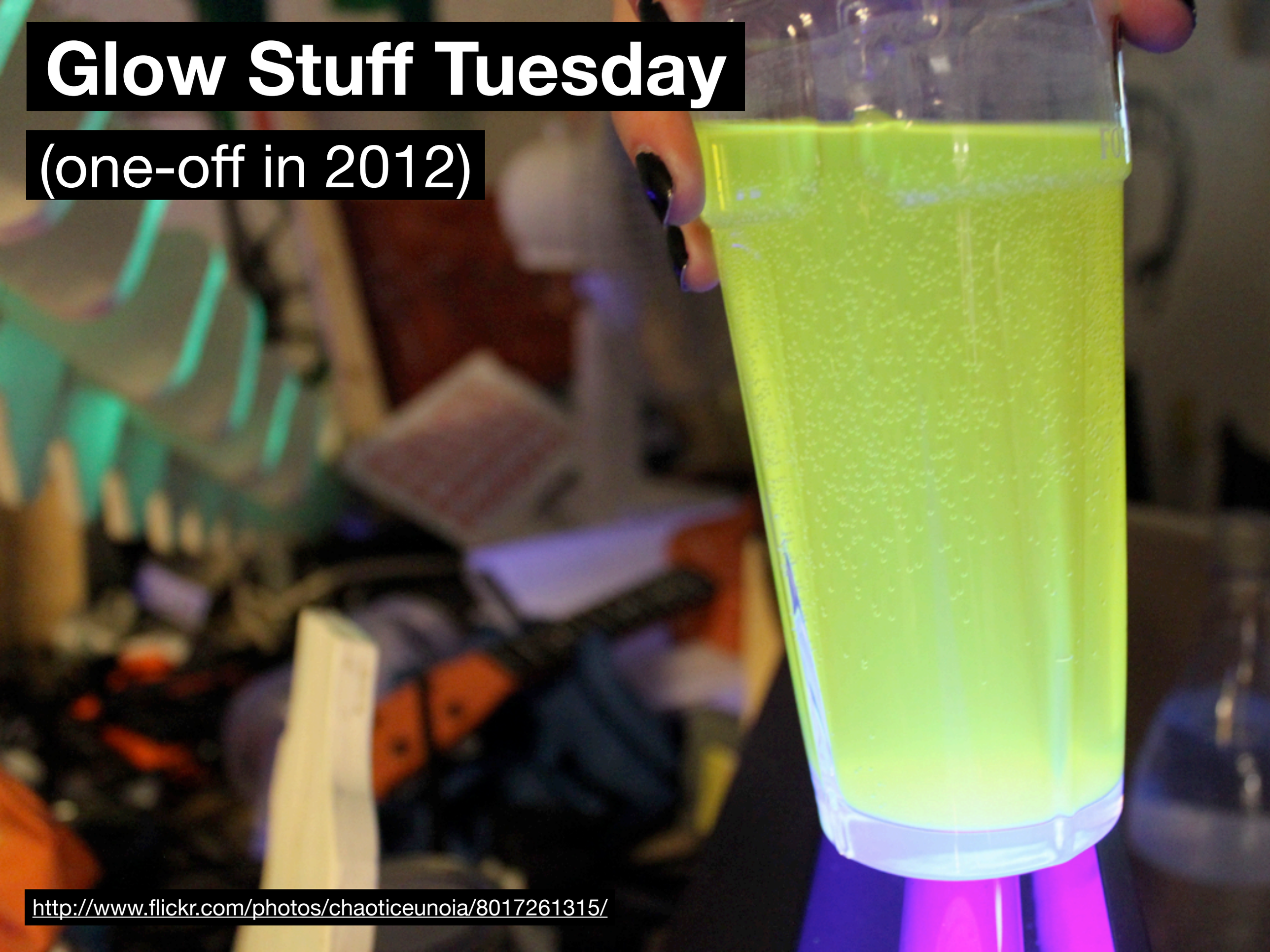
Regular and one-off

Events and meetups

Martin Dittus · @dekstop

Glow Stuff Tuesday

(one-off in 2012)



http://www.flickr.com/photos/chaoticeunoia/8017261315/

Glow Stuff Tuesday

(one-off in 2012)

http://www.flickr.com/photos/fishies_go_pook/7978628539

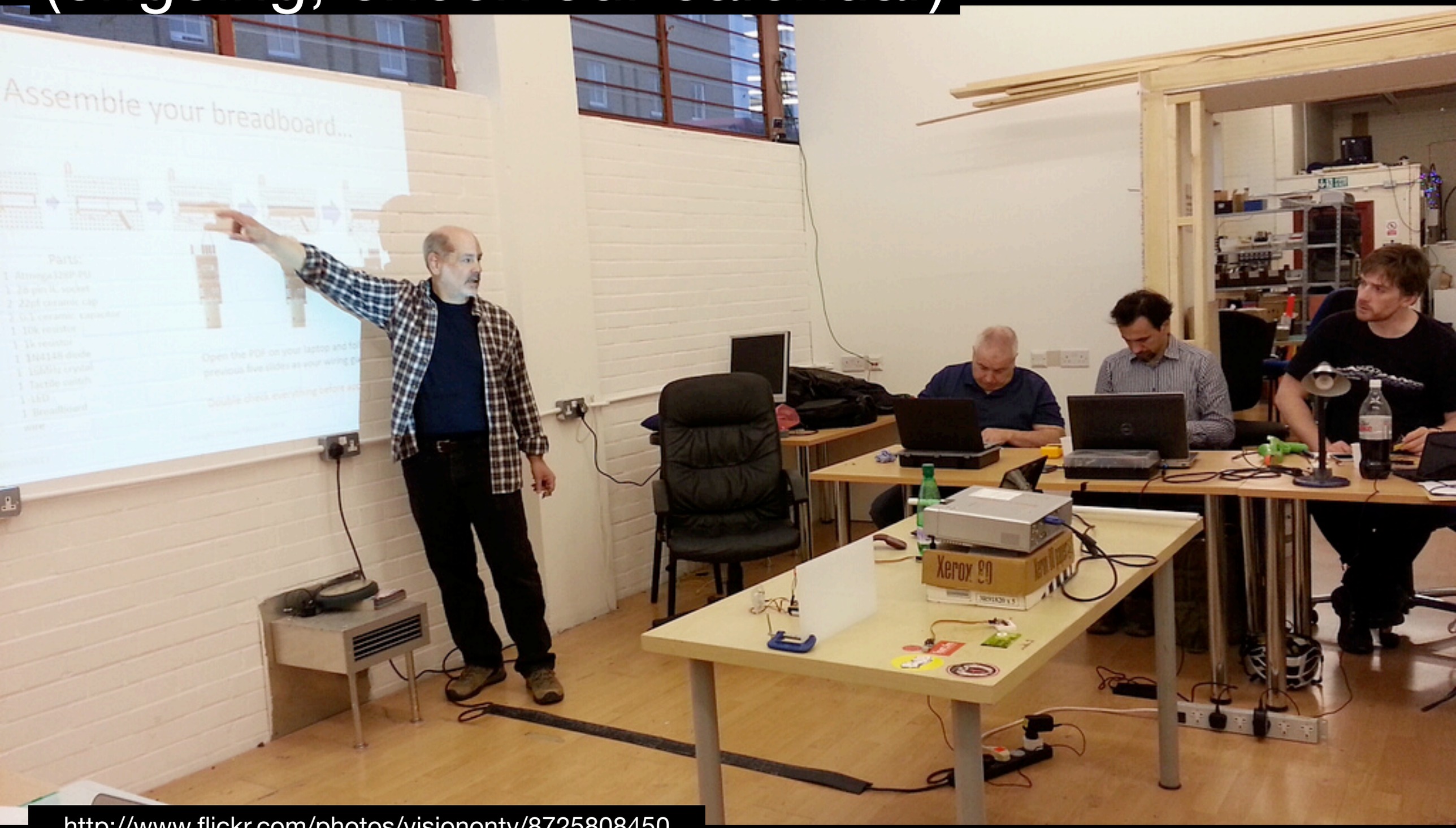
Young Hackspace

(short series in 2011)

http://www.flickr.com/photos/dekstop/5993485080

Not Just Arduino

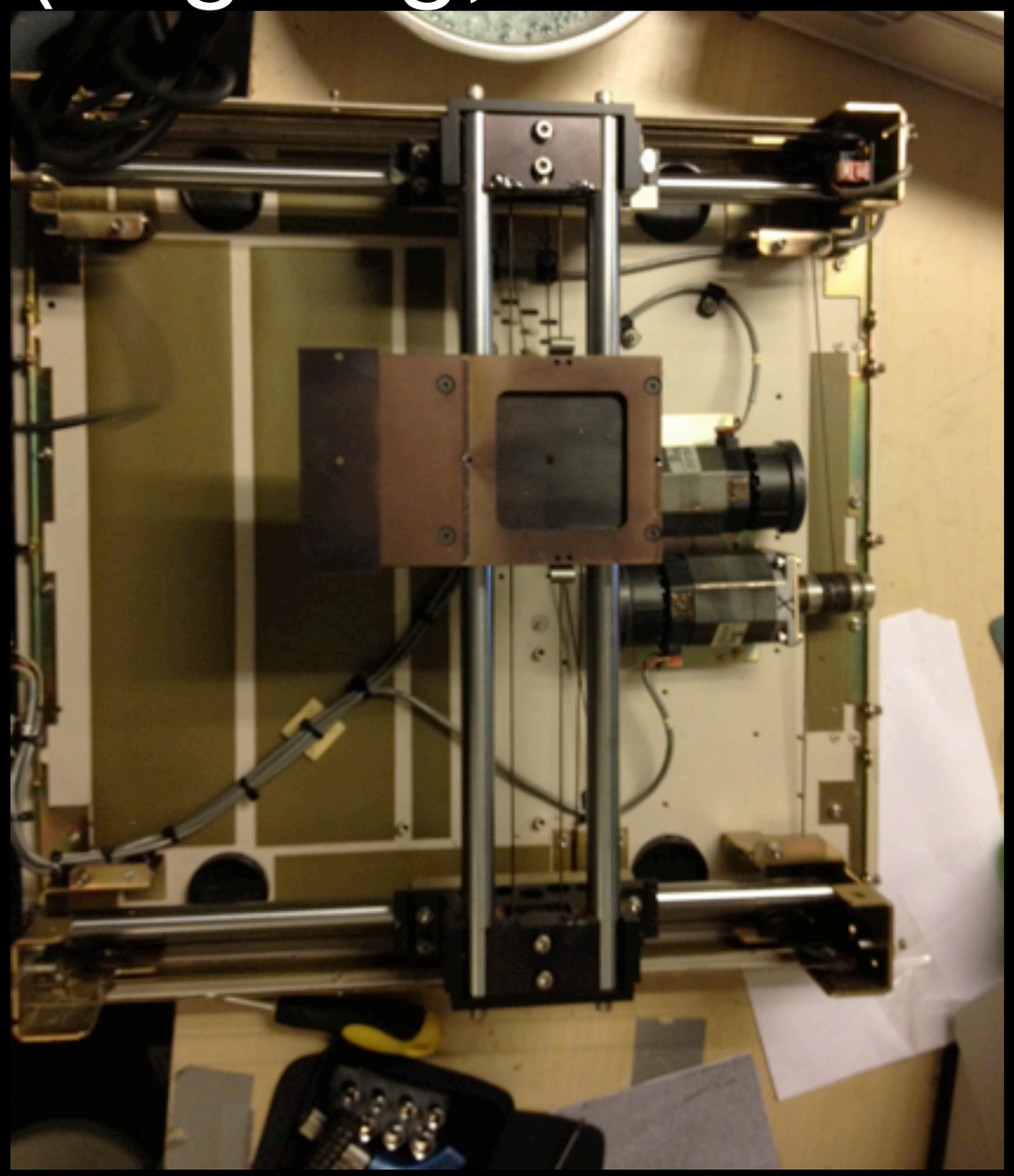
(ongoing, check our calendar)



http://www.flickr.com/photos/visionontv/8725808450

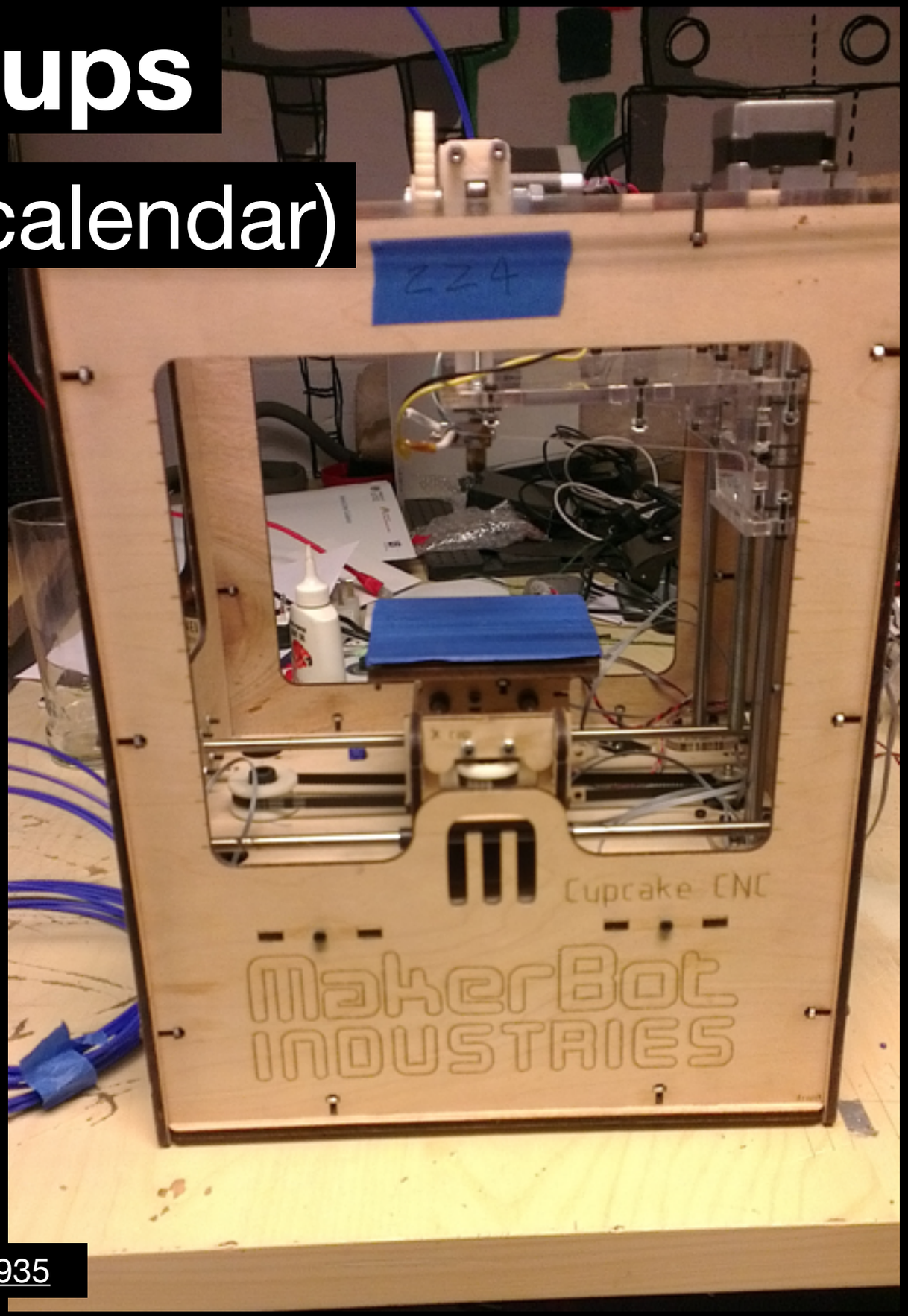
3D Printer Meetups

(ongoing, check our calendar)



http://www.flickr.com/photos/78307814@N08/7135091935

Martin Dittus · @dekstop



http://wiki.london.hackspace.org.uk/view/Project:Cupcake-o-Matic

Lockpicking

(ongoing, check our calendar)

https://wiki.london.hackspace.org.uk/view/Project:Lockpicking

Among our growing list of

Subgroups...

London 'bio-hackers' catching the eye of professionals

16 October 2012 Last updated at 14:09

A group of amateur scientists from east London have scoured internet auction sites to create their own make-shift laboratory in a cupboard where they carry out experiments - mainly on themselves.

They call themselves "bio-hackers", non-institutional science and technology developers, and they

http://www.bbc.co.uk/news/uk-england-london-19964886

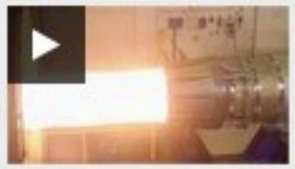
Most watched/listened

BBC News Channel 1

'Drunk sounding' radio host pulled 2

Inside pilotless flight trial jet 3

Parade for Man Utd's 20th league title 4


Rolls-Royce backs 1,000mph supercar 5

Key eurosceptic on EU bill 'ploy' 6

Inside home of Pakistan's 'new leader' 7

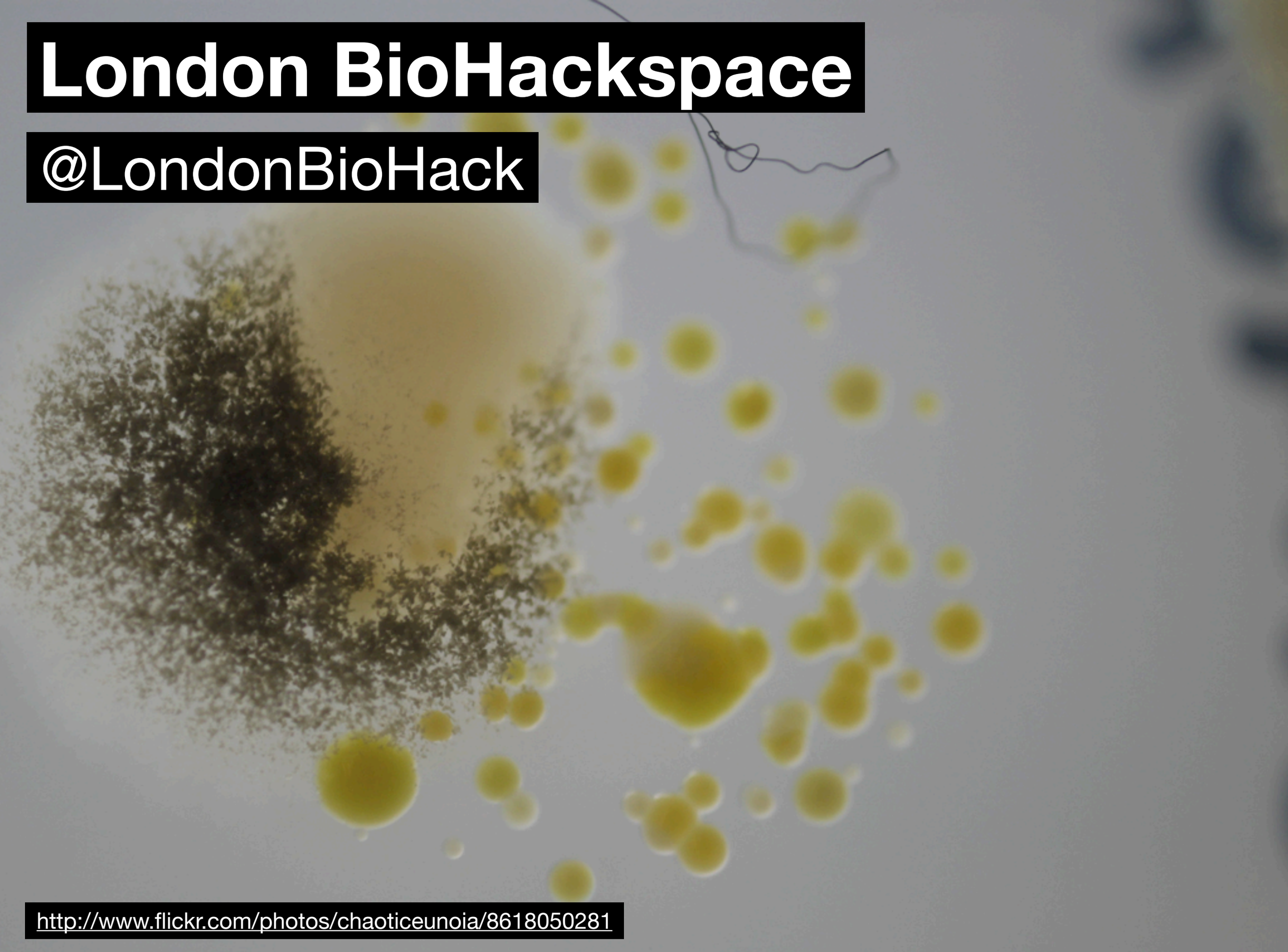
London BioHackspace

@LondonBioHack

http://www.flickr.com/photos/chaoticeunoia/8619187599

London BioHackspace

@LondonBioHack



http://www.flickr.com/photos/chaoticeunoia/8618050281

So, we need TAE or TBE for the buffer.

London BioHackspace

@LondonBioHack

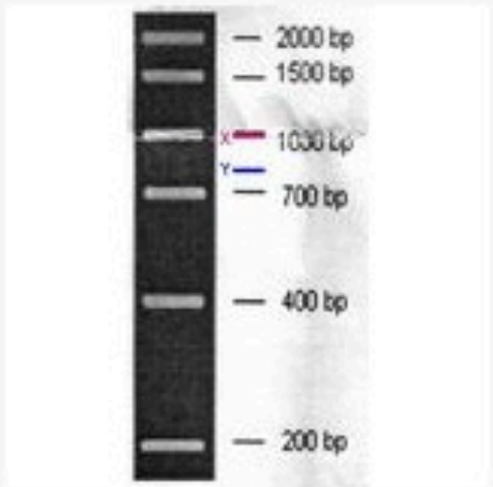
electrophoresis with TAE

There are manuals and safety sheets there.

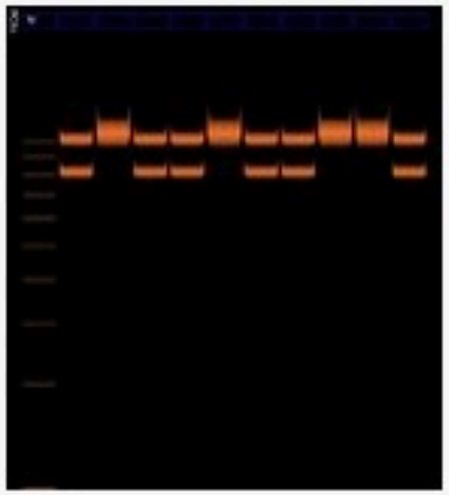
uk here: [11]

What we are looking for

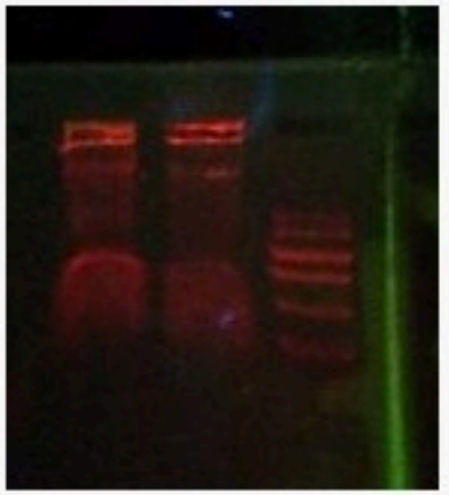
We expect bands at X = 977 bp and Y = 788 bp



on paper



example from cybertory



Is this it? see /results-20120301

"FUCK YES" see /results-20120321

It seems that the lines at X=977bp are in different positions in the male and female lanes in the cybertory example. discuss.

Results

Individuals with deletions such that this test doesn't work on them are extremely rare. So we hope to get correct results for all samples. W
samples to avoid possible bias in interpretation reading the gel, but if we can photograph the gel that could serve that purpose.

It might be nice to do video recording and a write up.

http://wiki.london.hackspace.org.uk/view/Sex_typing_with_amelogenin

On this date, we had not yet received our PCR tubes, so we were unable to do PCR. Instead, we decided to test our ability to do electroph

The Cave of Sounds – work-in-progress demo

THE CAVE OF SOUNDS – WORK-IN-PROGRESS DEMO

Thursday 16 May 2013 Troyganic, 132 Kingsland Road 8pm Join us this Thursday to experience The Cave of

RECENT POSTS

The Cave of Sounds – work-in-progress demo

Tim Murray-Browne: Residency update – Introducing The Cave of Sounds

MICRO NOISE workshop, Saturday 11th of May 2013

Arthur Carabott: Interactive Music System at the Olympic Park

Andy Farnell: Research methods in interactive sound design

Search

NEWSLETTER

Subscribe to our mailing list Email address

Subscribe

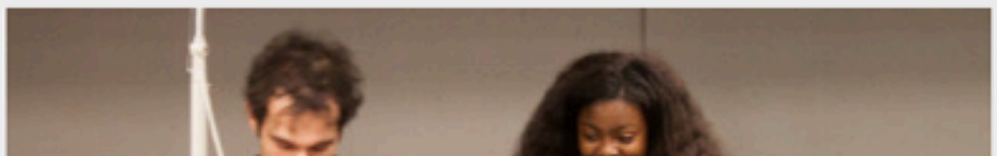
http://musichackspace.org

EDITORIAL

JANUARY 2013

FIRST ANNUAL GENERAL

EVENTS

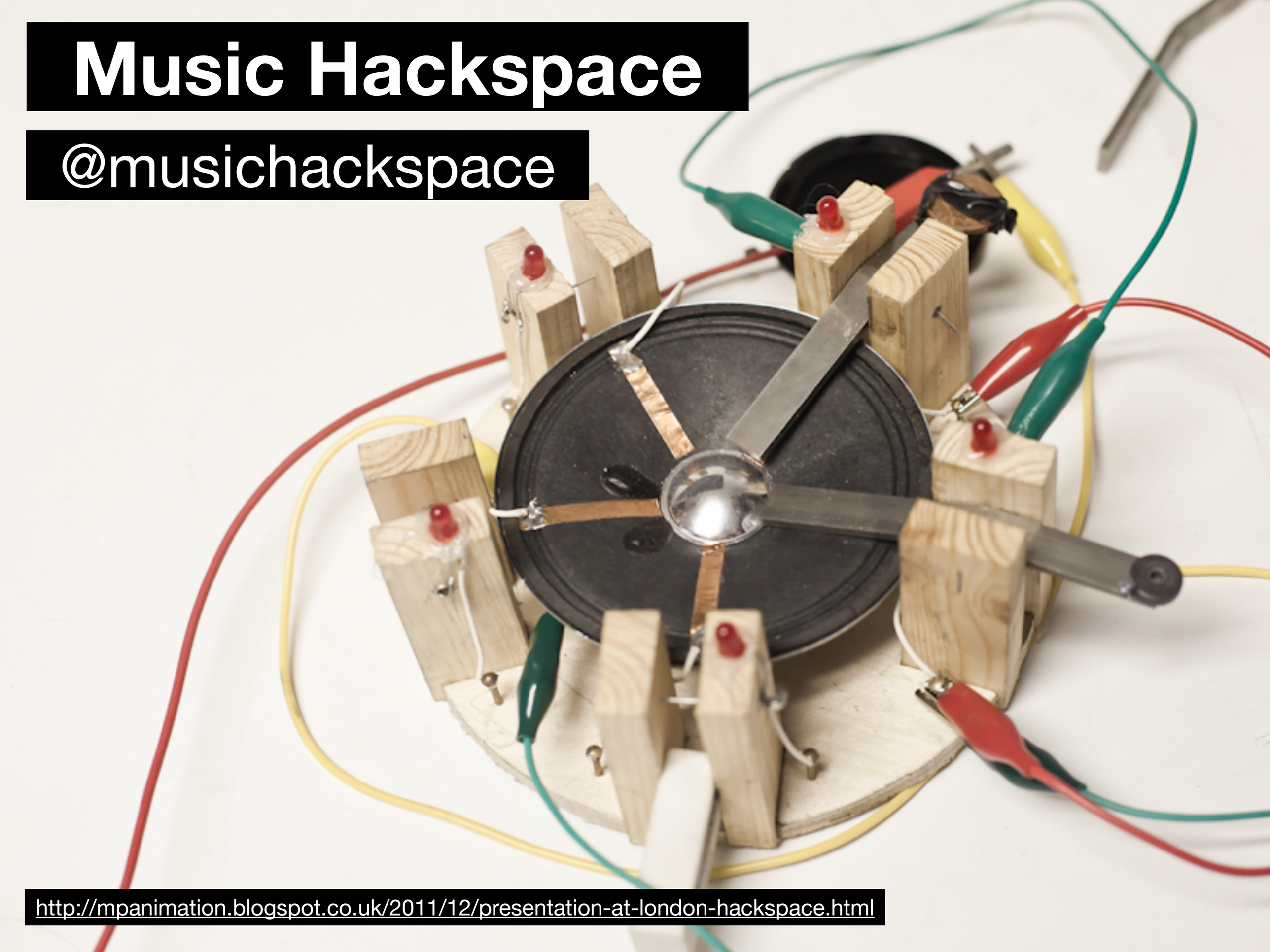


WHAT IS THE MUSIC HACKSPACE?

The London Music Hackspace is a place to share thoughts, knowledge, technologies, processes and aesthetics on music and audio. We welcome artists,

Music Hackspace

@musichackspace



http://mpanimation.blogspot.co.uk/2011/12/presentation-at-london-hackspace.html

Music Hackspace

@musichackspace

http://mpanimation.blogspot.co.uk/2011/12/presentation-at-london-hackspace.html

The London Hackspace is **community-run**, with very little central coordination. Ltd **non-profit** company. No paid staff, membership via standing orders, 24/7 RFID card access. Annual election of trustees: conflict resolution, legal guidance.

Hyper-connected: mailing list, IRC, in person; lots of documentation on the wiki. Key decisions happen on the mailing list.

Heavily **relying on people's initiative** and personal motivation. Everything you see here happened because someone really wanted to do it.

Martin Dittus · @dekstop

At first it was hard to get all the right **tools and materials**...

Martin Dittus · @dekstop

http://www.flickr.com/photos/travelbot/5316465529

navigation

- Main page
- Members' projects
- Recent changes
- Random page

search

Search

Go Search

toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Browse properties

Equipment

Contents [hide]

1 Things You Want
2 Things We Have
  2.1 Electronics
  2.2 Food Preparation
  2.3 PCB Kit
  2.4 Stuff to Make Things With
  2.5 Wood working
  2.6 Metal Working
  2.7 Audio/Visual
  2.8 Misc
  2.9 Kitchen
  2.10 Safety
  2.11 Cleaning and maintenance
  2.12 Dead Trees / Library
  2.13 Things being borrowed
3 If You Want to Donate Equipment

Things You Want [edit]

We put in regular orders for electronic components and keep a large stock in the space, if you wish to use components from the space or want to add something to the next order, read the components page.

If you want the space to buy equipment, books or anything else, add it to the Wishlist or to the Pledges.

If you want to buy something yourself, have a look at the suppliers page

Things We Have [edit]

This list is nowhere near comprehensive. It's also eternally out of date. If you actually want to see what we have, drop by the space and have a look.

http://wiki.london.hackspace.org.uk/view/Equipment

navigation

- Main page
- Members' projects
- Recent changes
- Random page

search

Search

Go Search

toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Browse properties

Pledges

We hold pledge drives for the purchase of items for the space that cannot reasonably be bought using Hackspace funds, or are desired by a minority of members.

You may pledge whatever you can afford and should expect to have a say on the product selection and purchase. Ultimately, however, pledges are in most cases a targeted donation: the purchased object is then owned by the whole hackspace rather than the group of members who paid for it, and they receive no permanent privileges unless otherwise agreed.

Once you have paid your pledge, please mark your pledge entry as paid.

If you want to start a pledge then use this handy guide.

See a list of all pledge pages.

The hackspace bank details can be found here.

Closed pledge drives (awaiting payment) [edit]

- Laser cutter
- Laser Cutter Tube
- Knitting Machine
- Compound Mitre Saw

Current pledge drives [edit]

- Donkey Saw
- Liquid Nitrogen
- Table Saw
- Makerbot
- Rigol DSO
- HP Micro Server
- Dry Ice Maker
- Lathe Milling Machine Combo Tools
- CNC Mill
- Bandsaw

http://wiki.london.hackspace.org.uk/view/Pledges

http://www.flickr.com/photos/chaoticeunoia/8636322997

Guides/Bringing items to the space

< Guides

One of the hackspace's greatest assets is its physical space. But with so many members it is quite a challenge to keep the space free of clutter. It is also requires a lot of effort to keep the space organized and tidy. If you are considering bringing any item to the space that you do not intend to keep in your personal storage then follow these handy check lists.

navigation
- Main page
- Members' projects
- Recent changes
- Random page

search
Search
Go Search

toolbox
- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Browse properties

Contents [hide]

1 Donations to the space
1.1 Other option: Swap Shop
2 Loaning items to the space
3 Storing items for your use

Visit the main page

Donations to the space [edit]

Before donating use the following points as a guide:

- **Is it on our wishlist?** - if the item is not on our wishlist then check on IRC or the mailing list before bringing it into the space. If it is on the wishlist then bring it in - thank you!
- **Will you be upset if it is thrown away?** - If it would be difficult for the average hacker to comprehend the intrinstic hack-value of the item then it may end up in our 3 week disposal process. Large items that will not fit through the disposal process could get thrown out without warning. If this does not appeal then it might be better not to donate the item.
- **Does it meet any of the following criteria?** - If it doesn't then we probably do not want or need it currently - but thanks for thinking of us!:
  - Item is a tool useful for the types of hacking that take place at the space.
  - Item is a common part/component that is not scrap.
  - Item is in working order and has a reasonable resale value.
  - Item can be easily stripped for high value parts.
- **Will the Hackspace accept the donation?** - if you bring items to the space with the intention of donating them without first *making sure that the organisation is willing to accept the donation* (as decided by consensus on the mailing list) then the items are still in your ownership, and it is your personal responsibility to dispose of them once you're asked to do so. This is especially true for large items, or items that require unusual means of disposal (e.g. toxic materials.)

Other option: Swap Shop [edit]

http://wiki.london.hackspace.org.uk/view/Guides/Bringing_items_to_the_space

3-week Bins

After a painful year of outgrowing our previous space...

We just moved to a much bigger space.

Martin Dittus · @dekstop

navigation

- Main page
- Members' projects
- Recent changes
- Random page

search

Search

Go | Search

toolbox

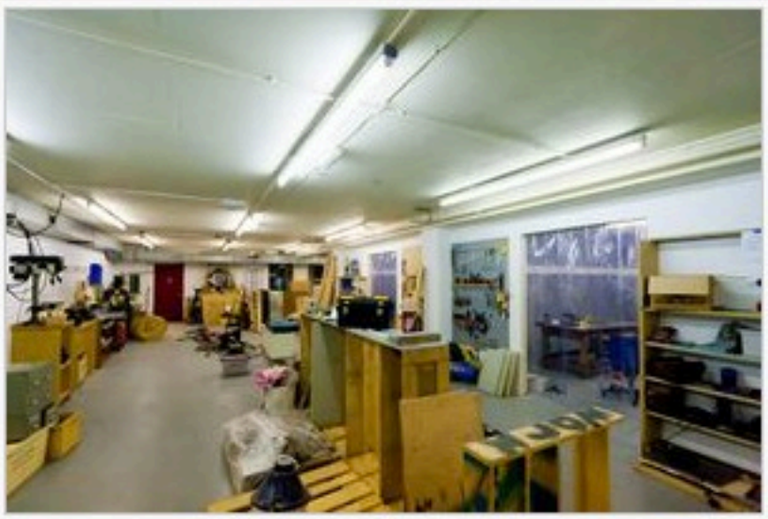
- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Browse properties

447 Hackney Road

Our new space, leased from Friday 15th March 2013, which we moved into on April 13th. At more than 6500 sq ft (600 m^2) over two floors, it's nearly triple the size of our old space, and also includes a > 6000sqft dedicated yard with loading bay.

Even though we've now moved there's still **lots** to do! Here are some resources about the move: Hackspace Move. We need as much help as you can offer!

Ground Floor



Basement

Contents [hide]

1 How to get there
- 1.1 Transport

2 Local Area
- 2.1 Pubs
- 2.2 Food
- 2.3 Other

3 Photos/Videos

4 Pages

How to get there [edit]

447 Hackney Road, London E2 9DY

The front door on Hackney Road is protected by a roller shutter which is normally shut except for public events. Outside of these events, **the main entrance to the space is through the back door on Emma Street.** Come in through the big metal gate (if it's locked, the code is here). The rear door is locked with Doorbot - the reader is the black box next to the door.

(Google map, OpenStreetMap, TFL Journey Planner, TFL Bus Map).

Transport [edit]

- There is a cycle hire station around the corner on Pritchards Road, other stations on Regents Row near Broadway Market and Goldsmiths Row

https://wiki.london.hackspace.org.uk/view/447_Hackney_Road/Spacewarming_Party

http://www.flickr.com/photos/russss/8228436826

http://www.flickr.com/photos/russss/8227368623

https://www.facebook.com/photo.php?fbid=562585810429682

https://www.facebook.com/photo.php?fbid=562582910429972

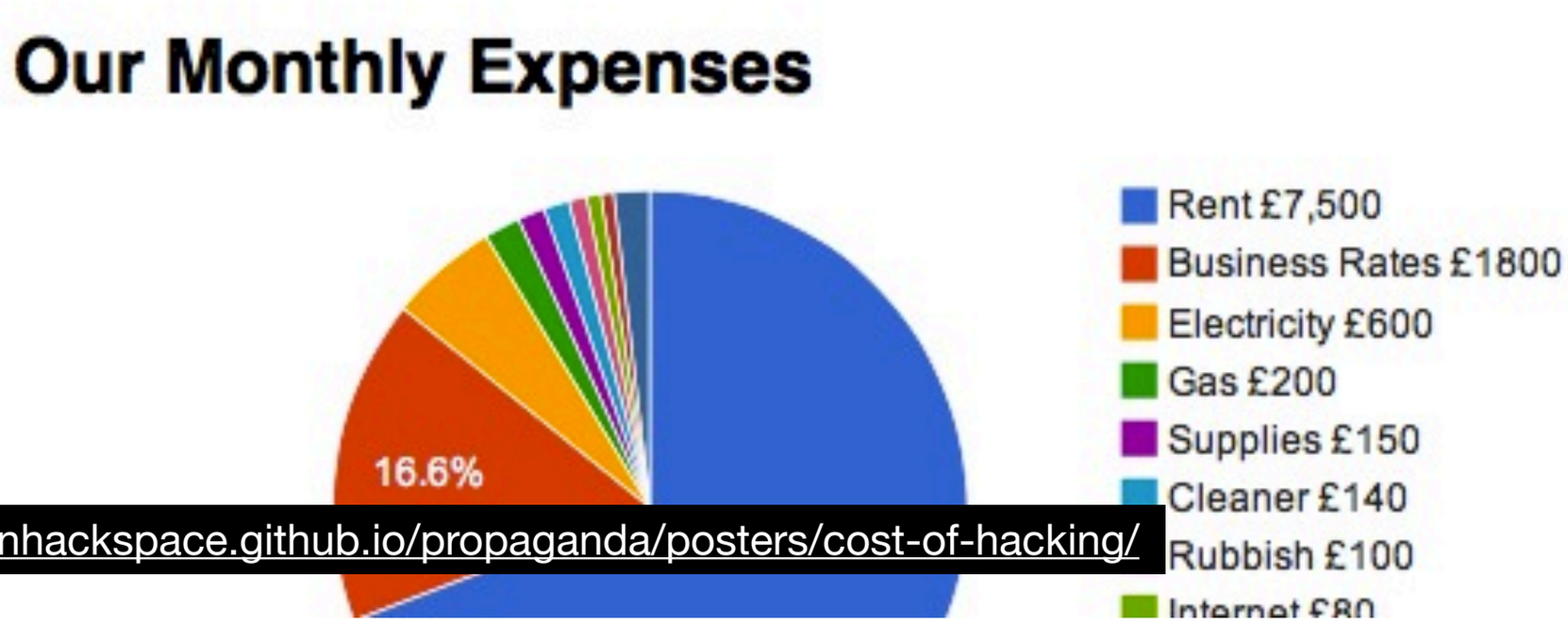
The Cost of Hacking

The London Hackspace is entirely funded by your membership subscriptions & donations.

We've taken a massive leap in moving to and fitting out our new space on Hackney Road, and we're currently making a monthly loss and burning through our cash reserves. We're not going to be able to spend more money on making the space better until we're making a monthly surplus.

Our Monthly Balance

Our Monthly Expenses



http://londonhackspace.github.io/propaganda/posters/cost-of-hacking/

May 2013 Open Day

(Redirected from 447 Hackney Road/Spacewarming Party)

navigation

- Main page
- Members' projects
- Recent changes
- Random page

search

Search

Go Search

toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Browse properties

The London Hackspace is a non-profit, community-run hacker space in central London. We provide a space where people who make things can come to share tools and knowledge.

We've just moved into our new, much larger space on Hackney Road, so it seems like time for a party. On the 12th of May we'll be opening our doors to the public to show off our new digs.

Come by if you're thinking of becoming a member, if you want to see what London Hackspace is about, or if you just want to have a drink and a chat. We'll have:

- A bar selling Hoppy Collie beer
- A BBQ in our yard
- The amazing LHS Bikeshed spaceship-simulator-in-a-caravan
- Liquid nitrogen ice cream and demos (hopefully)
- Biohackers serving DNA daiquiris

When?

Sunday 12th May, 13:00 'til late!

Where?

Our new space

447 Hackney Road, London E2 9DY

Who?

Everyone is welcome, members and non-members - bring a friend or two!

RSVP

You can just turn up. If you'd like, you can join the event on our Facebook event.

https://wiki.london.hackspace.org.uk/view/447_Hackney_Road/Spacewarming_Party

http://www.flickr.com/photos/fishies_go_pook/8733621232

http://www.flickr.com/photos/chaoticeunoia/8732738122

http://www.flickr.com/photos/chaoticeunoia/8731597619

By Kieron Monks, Metro World News

Published: May 13, 2013

World's largest 'hackspace' launches in London

Advertisement

Most Popular

Bikram Choudhury accused of rape in new lawsuits

Ydych chi'n siarad Cymraeg? NY's only Welsh pub accused of discrimination (Quiz: Could you apply?)

Abercrombie & Fitch only wants skinny, beautiful customers

VIDEO: Texas student tells teacher how to do her job

GRAPHIC VIDEO: China circus horror as performing bear eats monkey in front of families

Advertisement

http://www.metro.us/newyork/news/international/2013/05/13/worlds-largest-hackspace-launched-in-london/

This is a great place to learn new things in an informal setting.

Come to a **Tuesday social night**, and ask for a tour.

The best approach: come with a project in mind and a few starting points; then ask around when you're stuck.

Martin Dittus · @dekstop

If you're looking for technical talent for your final year project you're very welcome to visit, but...

Either **involve them in your project early** and allow them to **shape** the project.

Or **pay them** for their work.

Or get some advice from them but ultimately **do it yourself**.

Don't just assume you can show up with a crazy idea and someone will build it for you.

Martin Dittus · @dekstop

Last year...

Martin Dittus · @dekstop

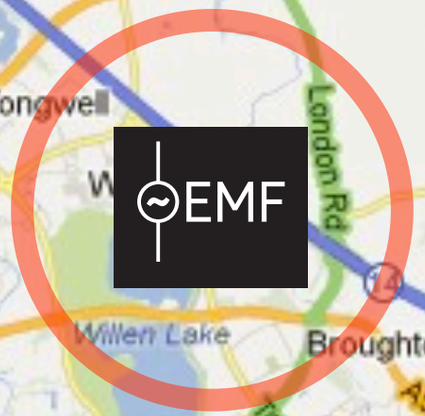
Electromagnetic Field

@emfcamp

http://www.flickr.com/photos/russss/7909184842

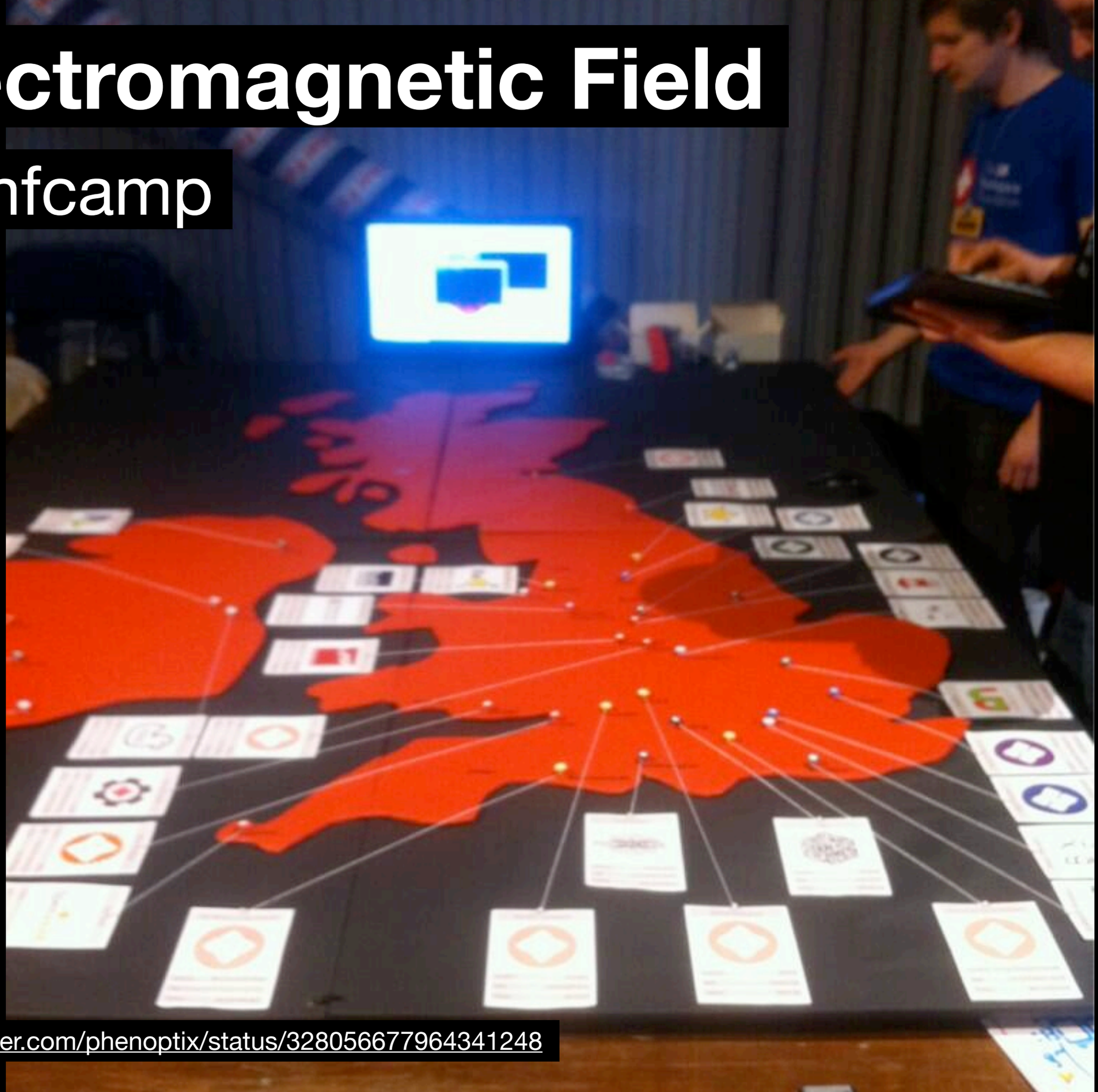
Electromagnetic Field

@emfcamp



Electromagnetic Field

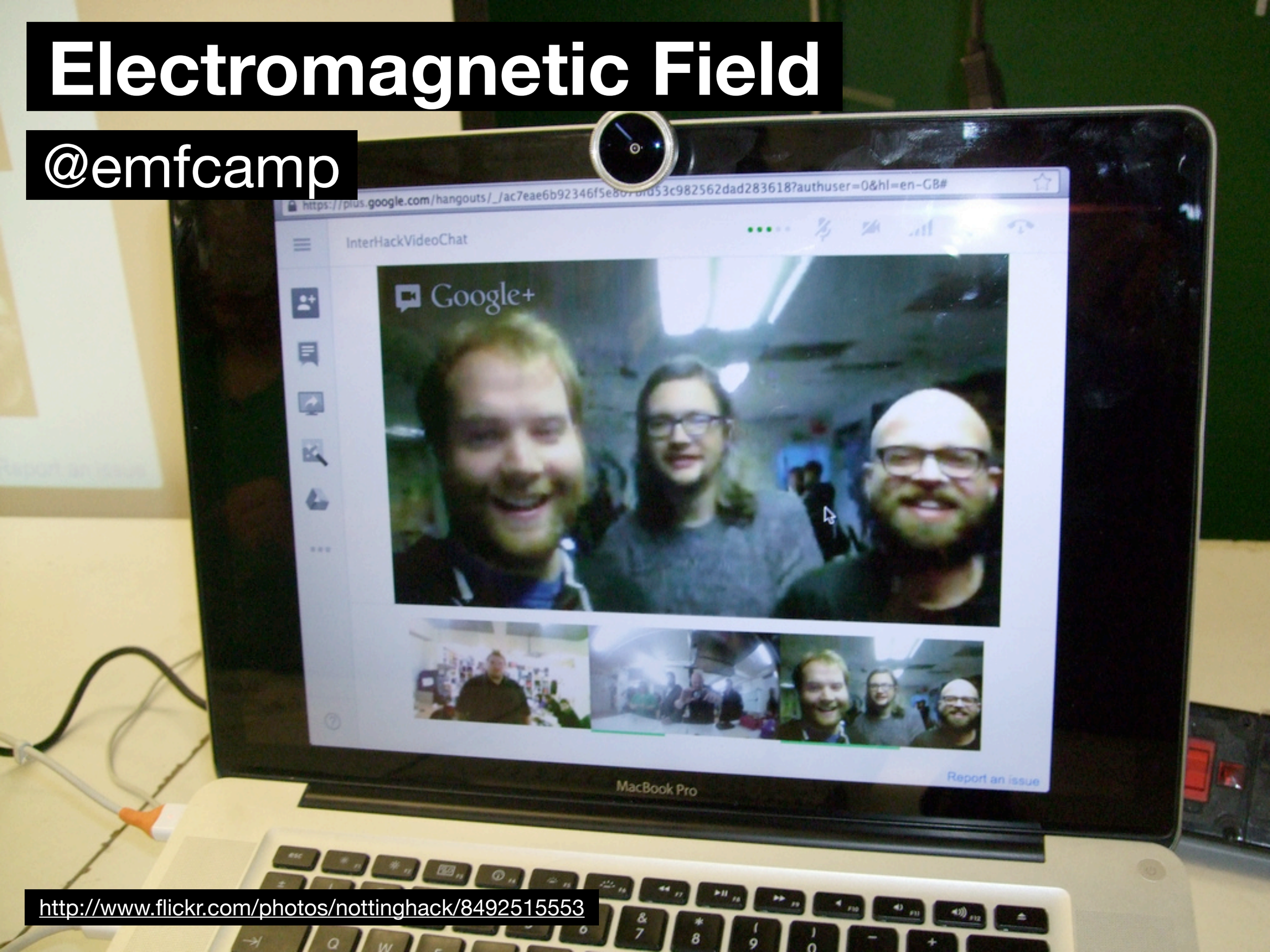
@emfcamp



https://twitter.com/phenoptix/status/328056677964341248

Electromagnetic Field

@emfcamp



http://www.flickr.com/photos/nottinghack/8492515553

Electromagnetic Field

@emfcamp

http://www.flickr.com/photos/andy_d/7906852686

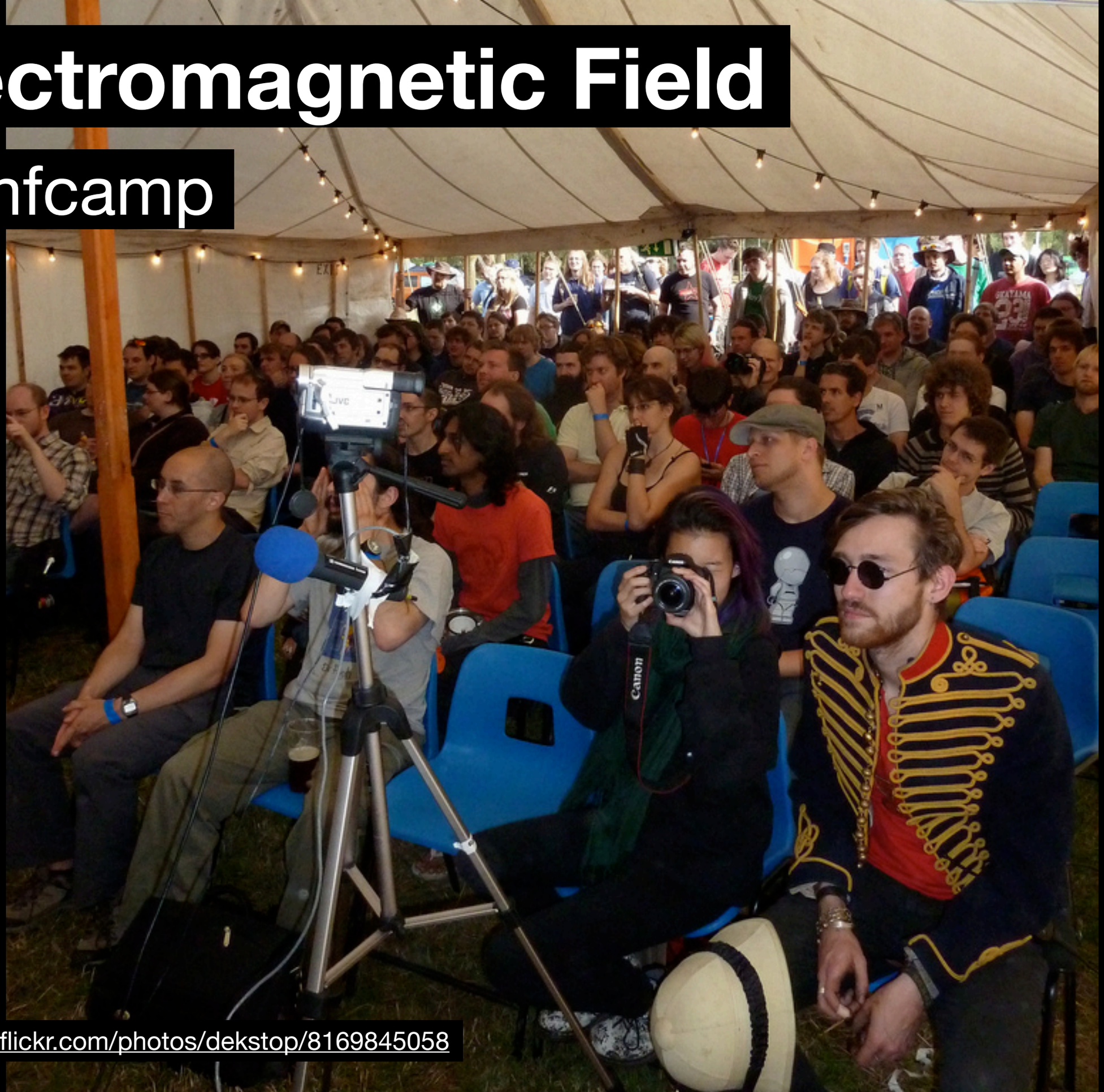
Electromagnetic Field

@emfcamp

http://www.flickr.com/photos/russss/7909187086

Electromagnetic Field

@emfcamp



http://www.flickr.com/photos/dekstop/8169845058

Electromagnetic Field

@emfcamp

http://www.flickr.com/photos/spacetimesystemz/7921426526

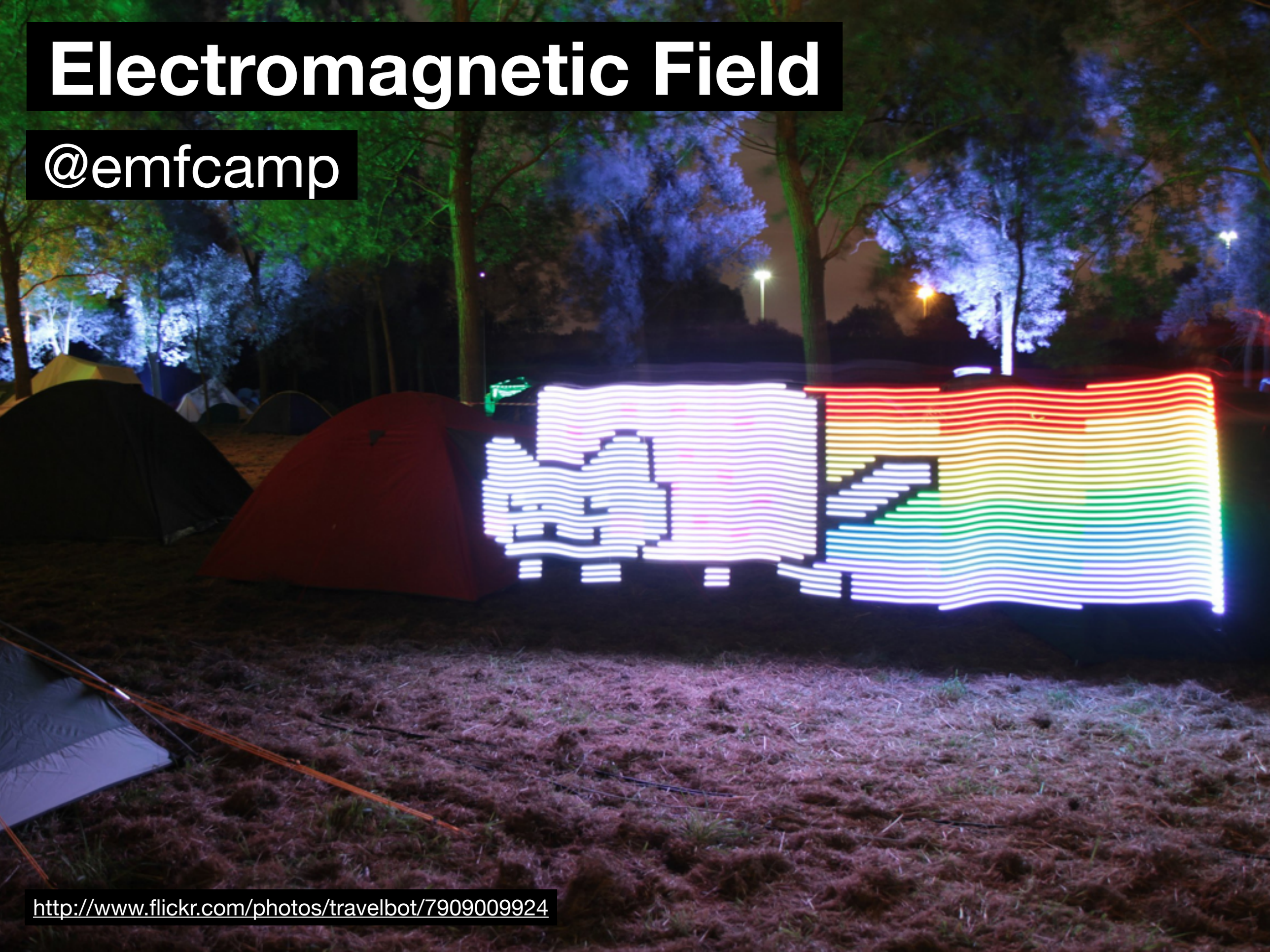
Electromagnetic Field

@emfcamp

http://www.flickr.com/photos/russss/7909193016

Electromagnetic Field

@emfcamp



http://www.flickr.com/photos/travelbot/7909009924

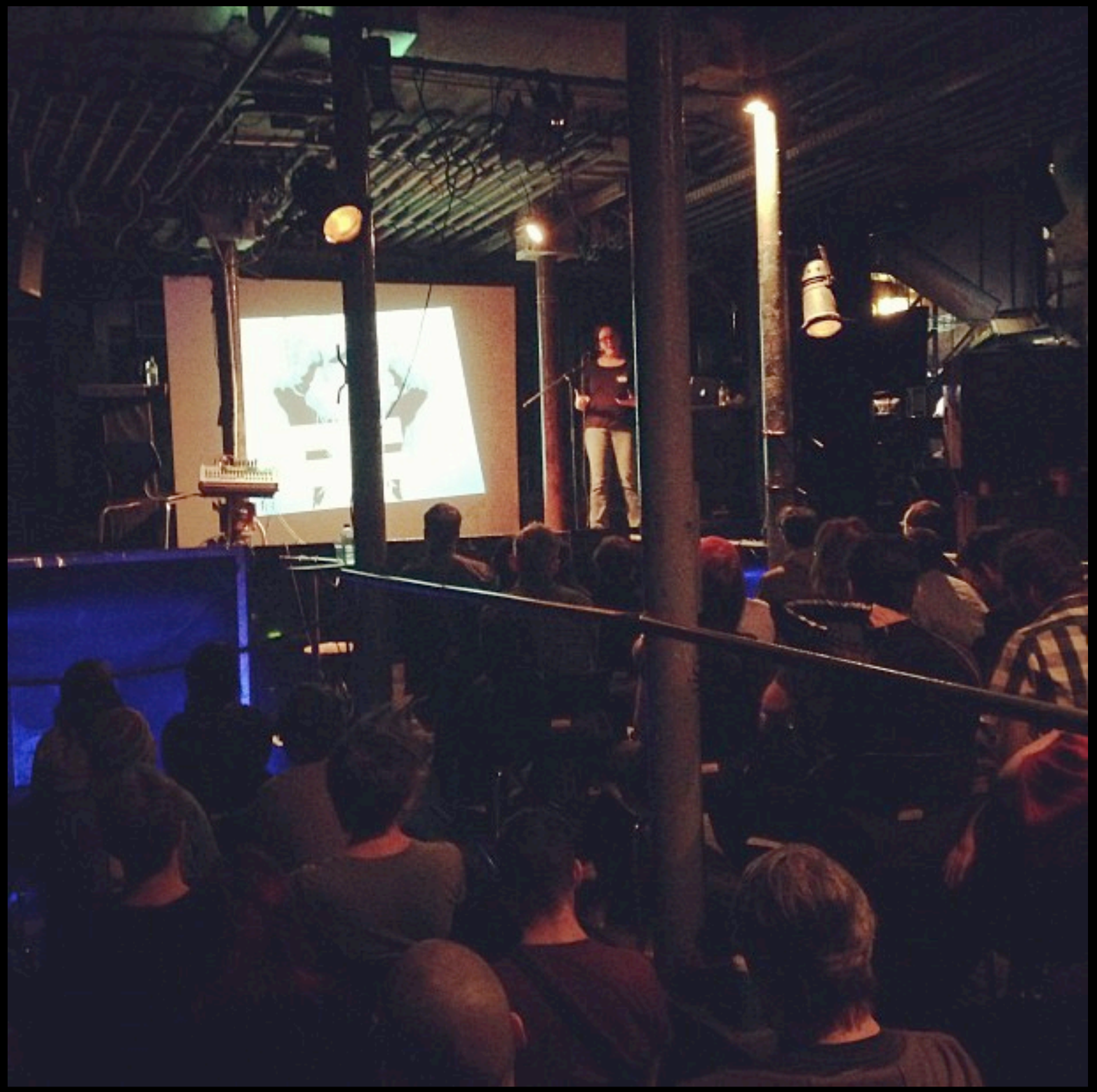
Electromagnetic Field

@emfcamp

http://www.flickr.com/photos/loggedhours/7925241174

Electromagnetic Wave

@emw



http://instagram.com/p/Y71wd2LhbH/

Next camp in 2014.
Follow @emfcamp
for updates.

http://www.flickr.com/photos/spacetimesystemz/7921507116

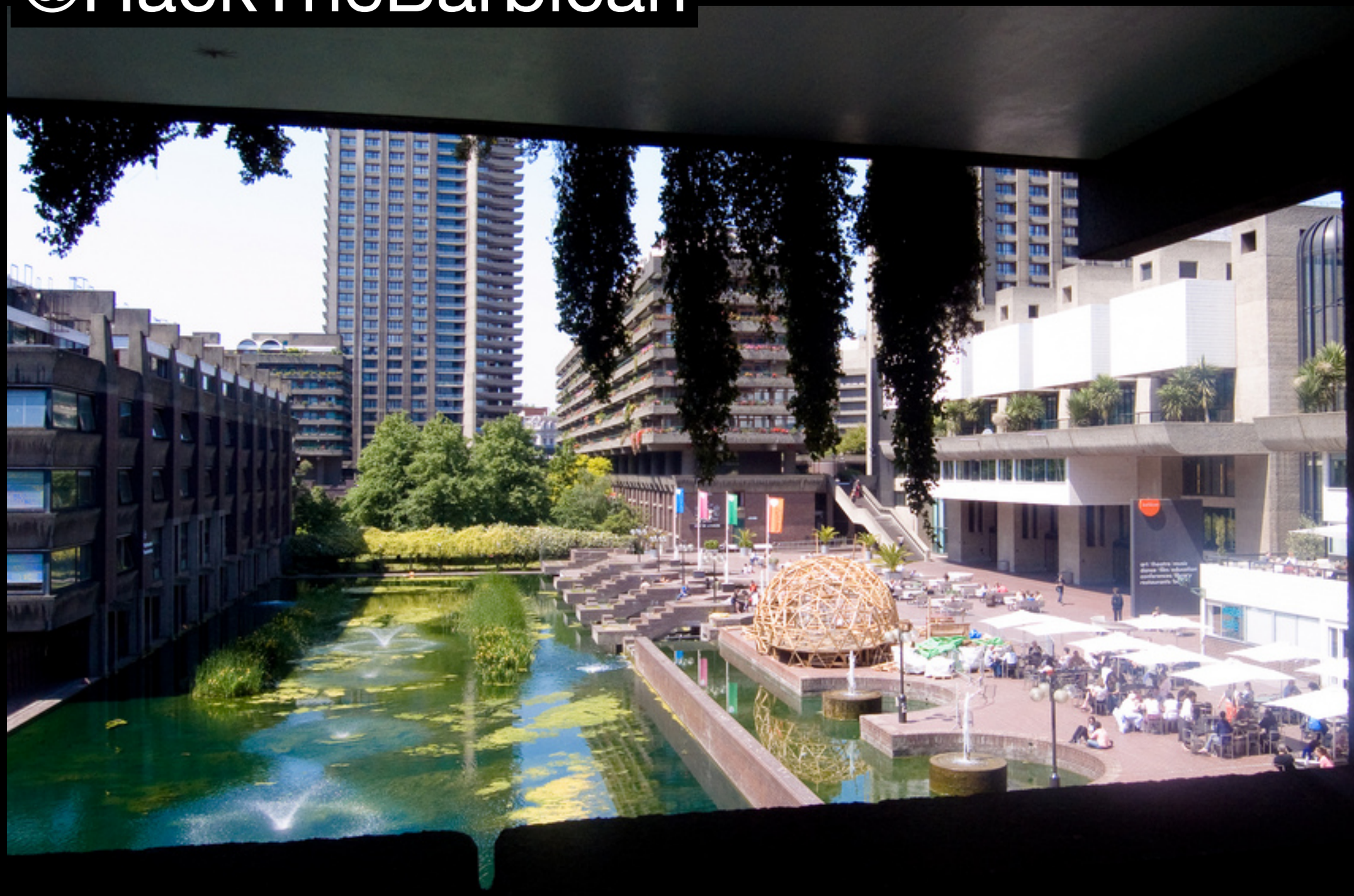
And coming up in August 2013...

An **experimental playground** of arts,
technology & entrepreneurship.

Martin Dittus · @dekstop

Hack the Barbican

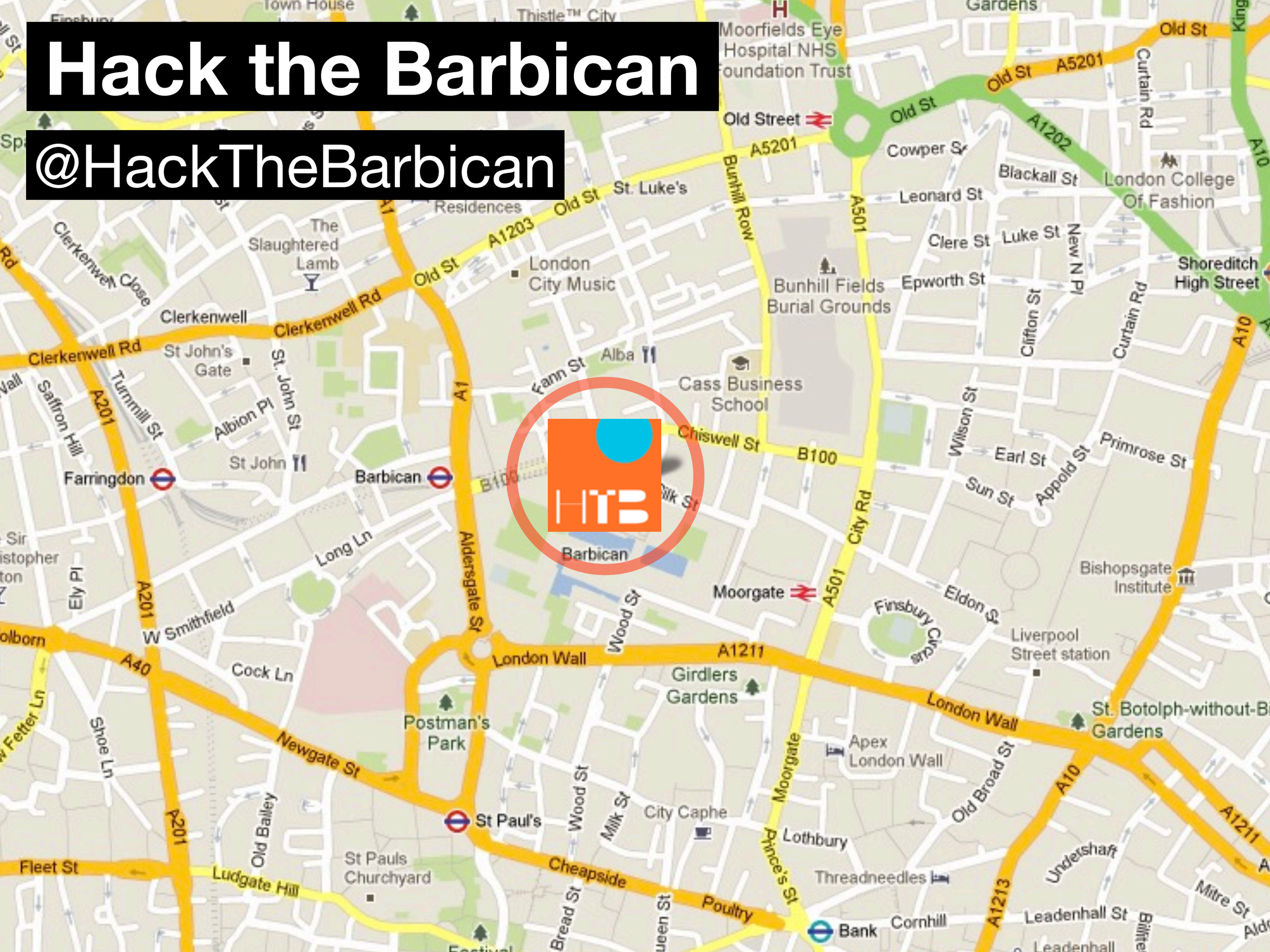
@HackTheBarbican



http://www.flickr.com/photos/clydehouse/3753626424

Hack the Barbican

@HackTheBarbican



Hack the Barbican

@HackTheBarbican

http://www.flickr.com/photos/siddharthkhajuria/8688880781

Hack the Barbican

@HackTheBarbican

http://www.flickr.com/photos/hackthebarbican/8723318888

Hack the Barbican

@HackTheBarbican

http://www.flickr.com/photos/siddharthkhajuria/8690006604

Hack the Barbican

@HackTheBarbican

http://www.flickr.com/photos/hackthebarbican/8722225955

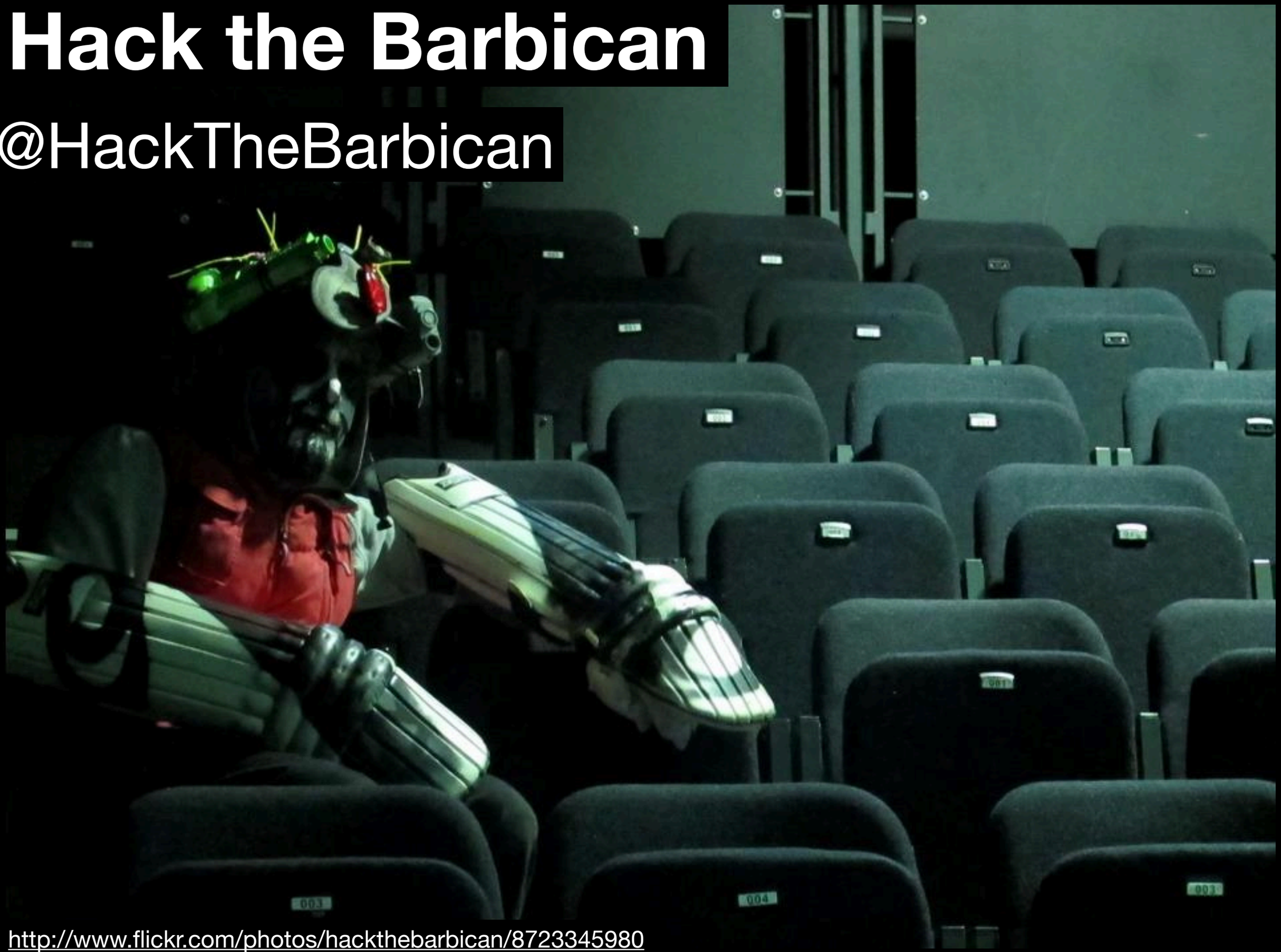
Hack the Barbican

@HackTheBarbican

http://www.flickr.com/photos/hackthebarbican/8723317244

Hack the Barbican

@HackTheBarbican



http://www.flickr.com/photos/hackthebarbican/8723345980

Now preparing for August...
Atm we're meeting Tuesdays
6pm at the Barbican.

Join Us!

Martin Dittus · @dekstop

Thank you.

@londonhackspace

@emfcamp

@HackTheBarbican

Martin Dittus

@dekstop

http://www.flickr.com/photos/chaoticeunoia/7842835108

http://www.youtube.com/watch?v=uQMogMHvMGw