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CHELTENHAMFESTIVALS
JAZZ
SCIENCE
MUSIC
LITERATURE

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Cheltenham Jazz Festival
1 - 6 May 2013

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SCIENCE

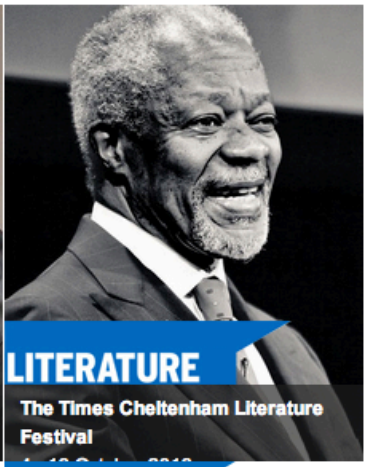
The Times Cheltenham Science Festival

More

MUSIC

Cheltenham Music Festival
3 - 14 July 2013

More



LITERATURE

The Times Cheltenham Literature Festival

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Mon 14 Jan / Cheltenham Festivals Science
Five minutes with ... Britain's Brightest's Steve Mould

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OUR FREE E-NEWS

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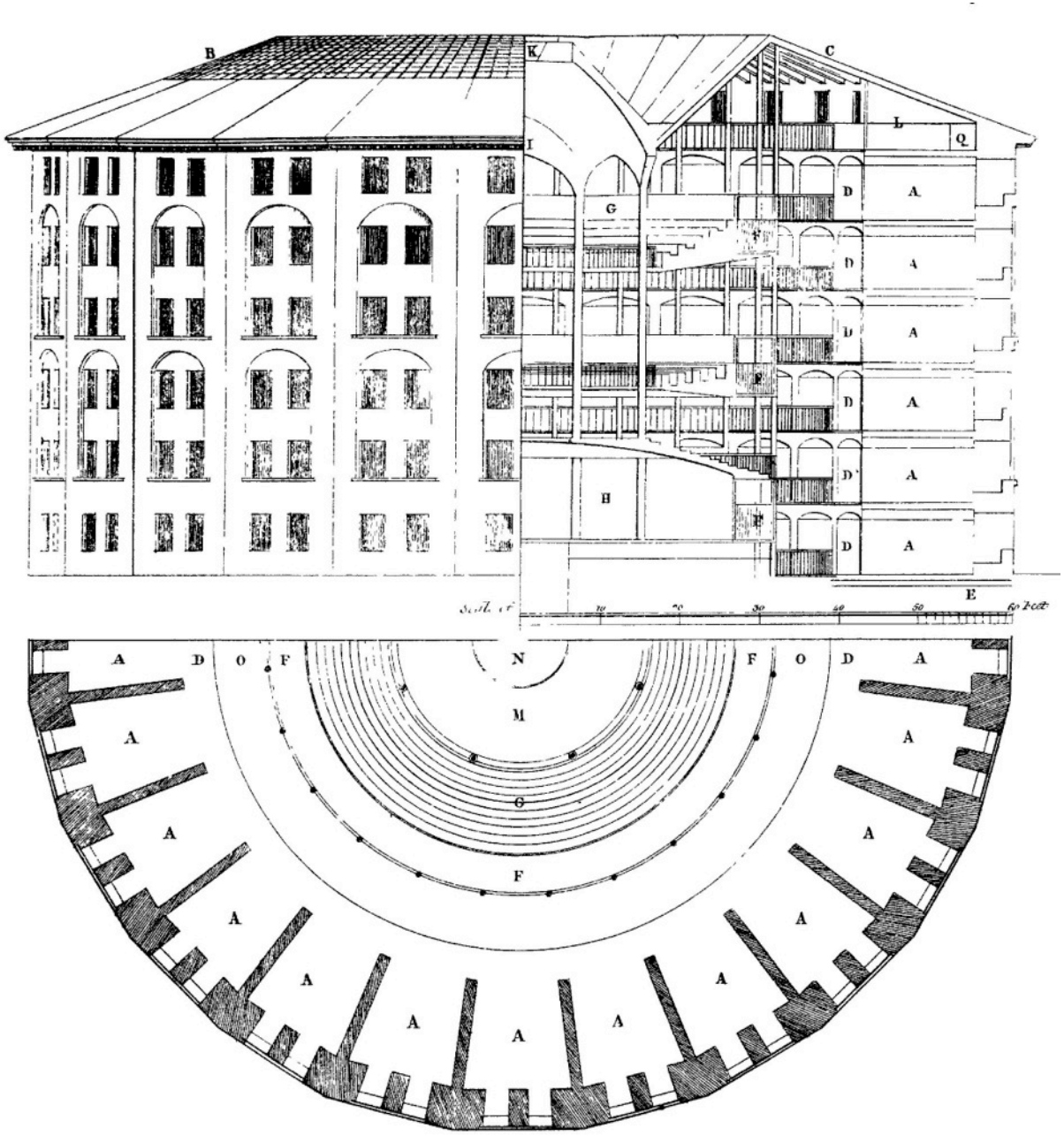
Provocative Prototypes & Bad Behaviour

Mike Phillips

mike.phillips@plymouth.ac.uk



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Recycling bins dotted around London now have the ability to track you through your smartphones and other devices over Wi-Fi

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PRISM
HELPS US SHARE WITH THE MOTHERLAND!
CCCP
DEMAND TOTAL SURVEILLANCE NOW!
Loyal citizens must support the Proletarian Review of Information in Social Media
P.R.I.S.M.
ThePeoplesCube.com

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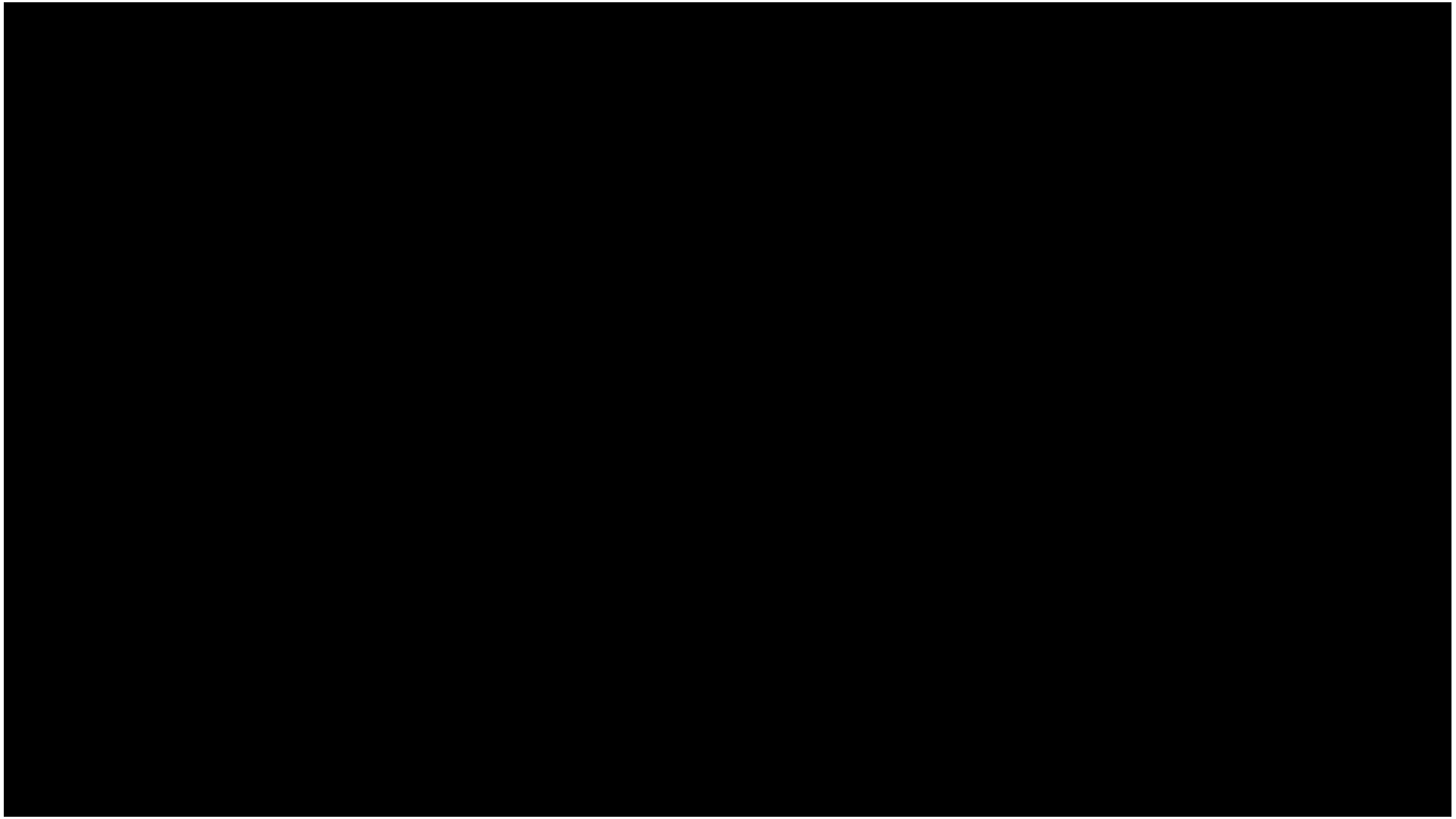
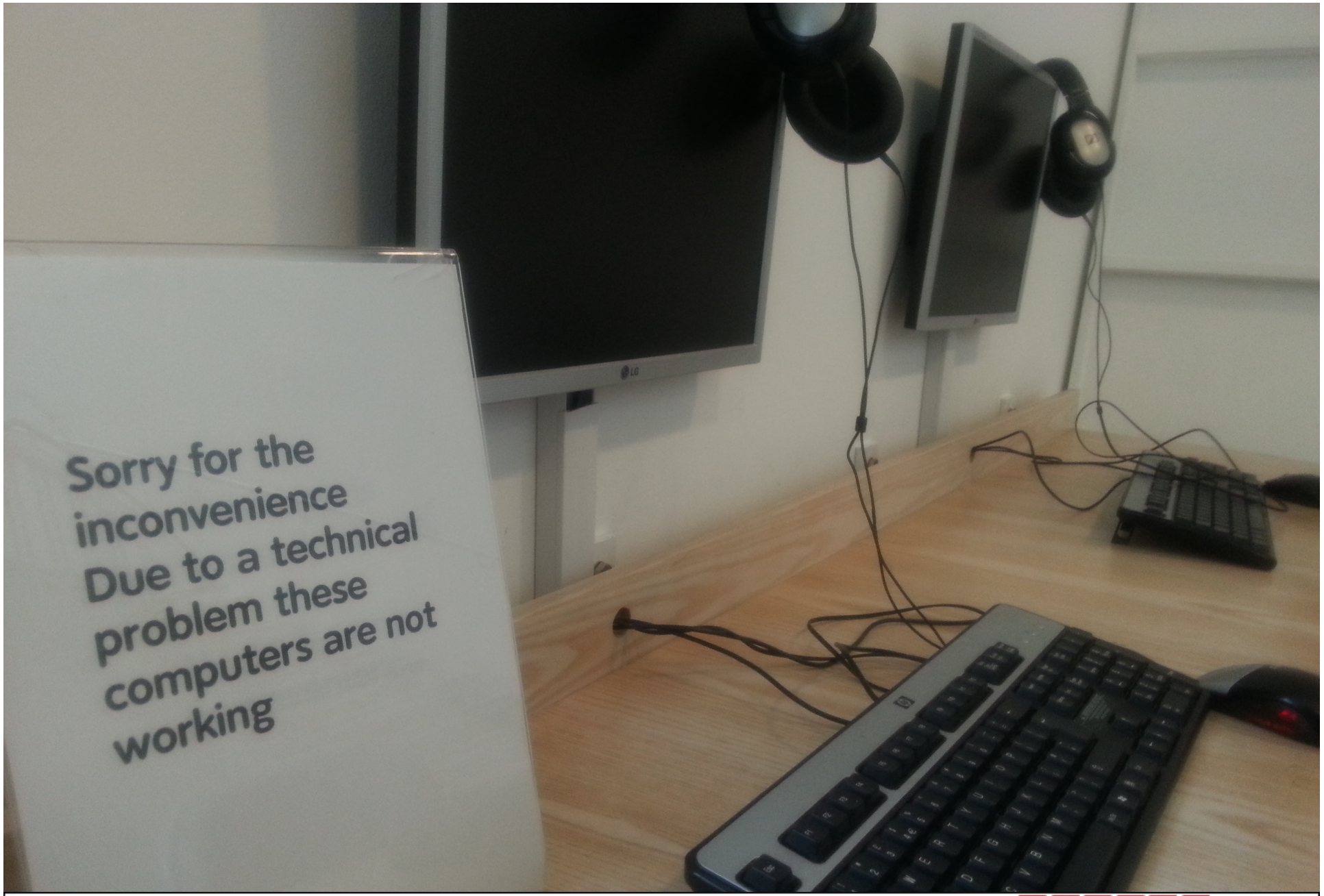
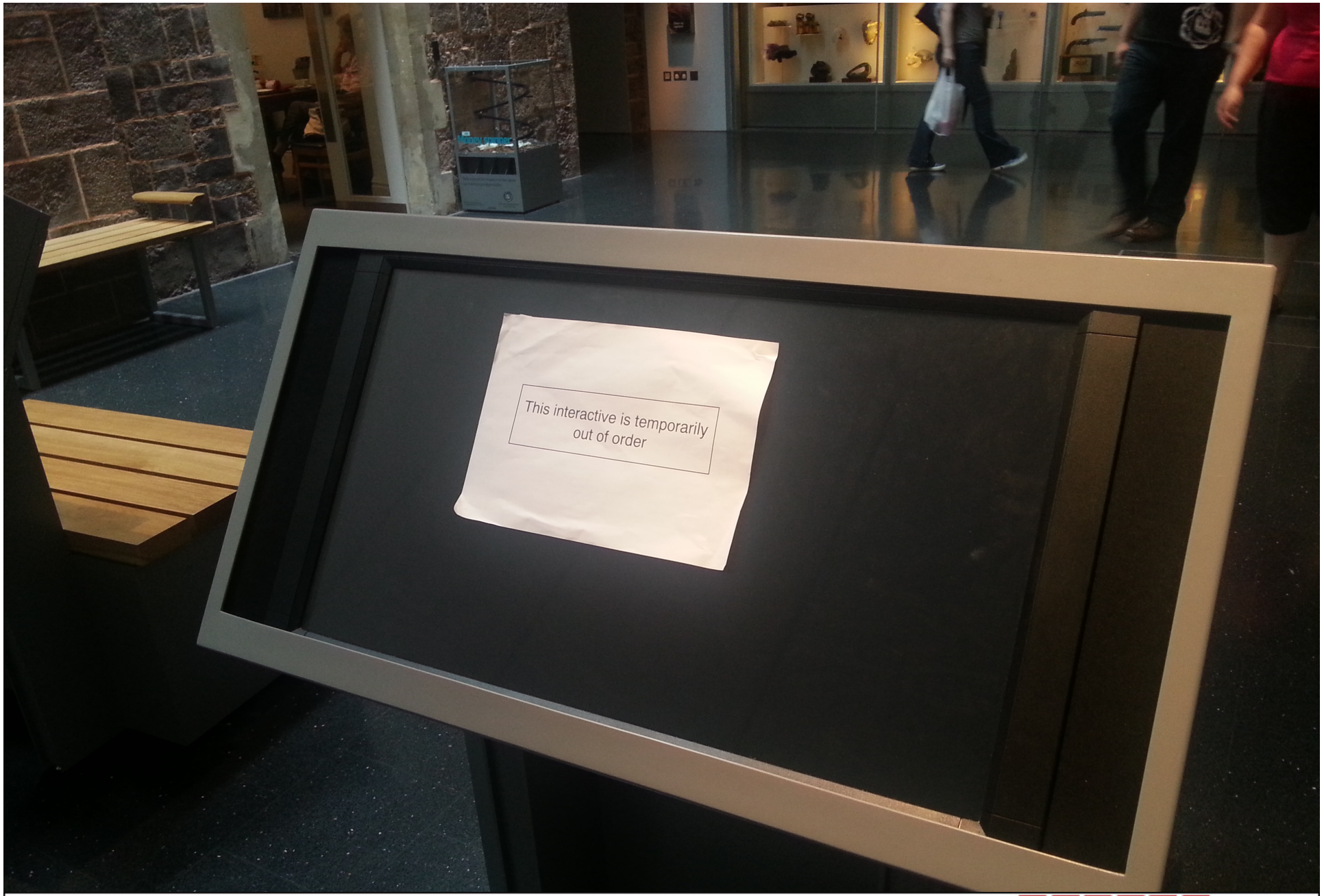



Sorry for the
inconvenience
Due to a technical
problem these
computers are not
working

i-DAT.org


This interactive is temporarily
out of order

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Large Print
Texts
Recycle
Guides Here
TATE ST IVES
St. Ives
Town Map

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Directorate of Estates
& Facilities Management
Estates Services
WORKING
WITH
PLYMOUTH
UNIVERSITY
Please do not push whilst door is
in motion
Estates Help: 01752 5(88488)

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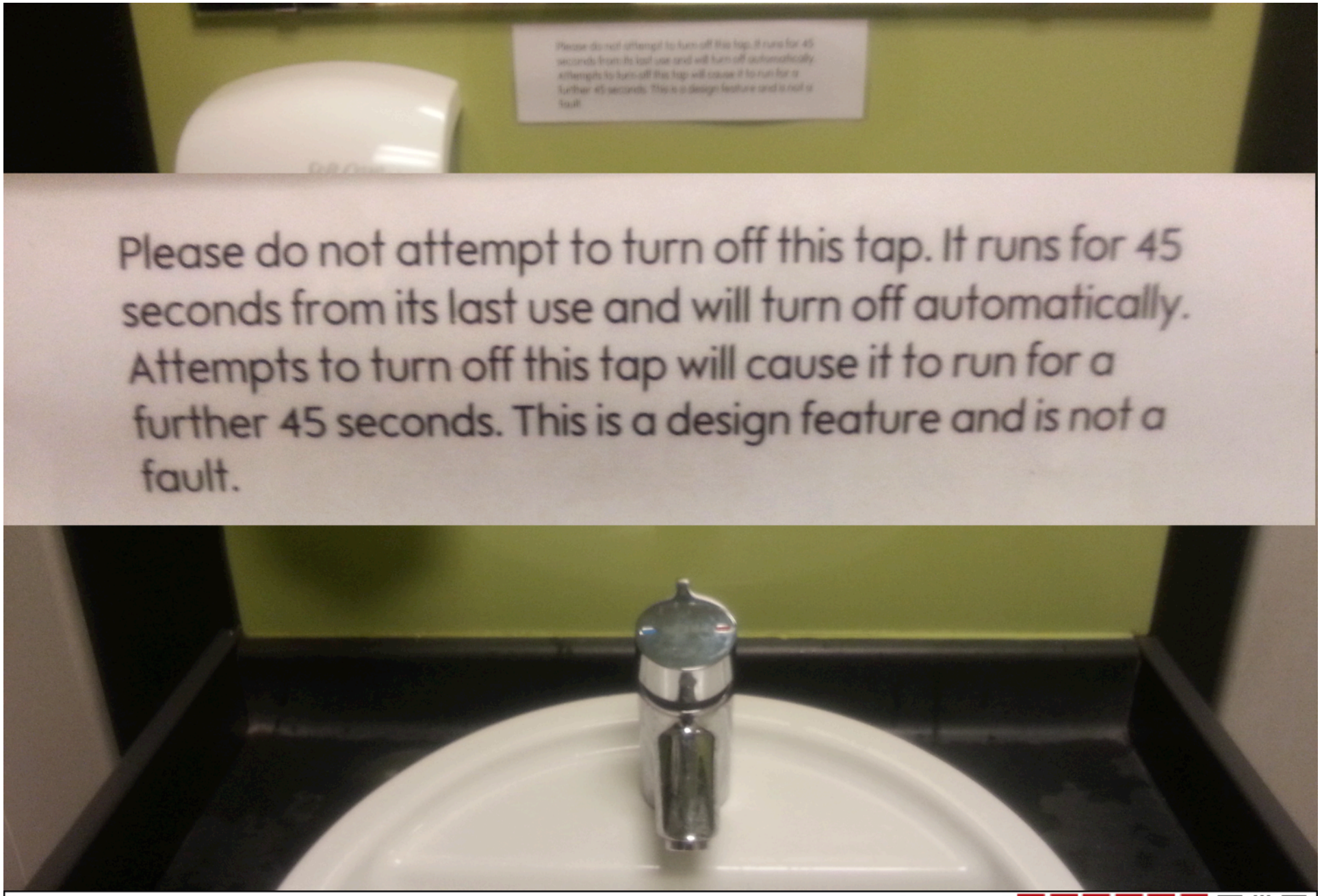
Please do not attempt to turn off this tap. It runs for 45 seconds from its last use and will turn off automatically. Attempts to turn off this tap will cause it to run for a further 45 seconds. This is a design feature and is not a fault.

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Do not stand on the toilet seat or bowl
X
The bowl may break and you may hurt yourself.

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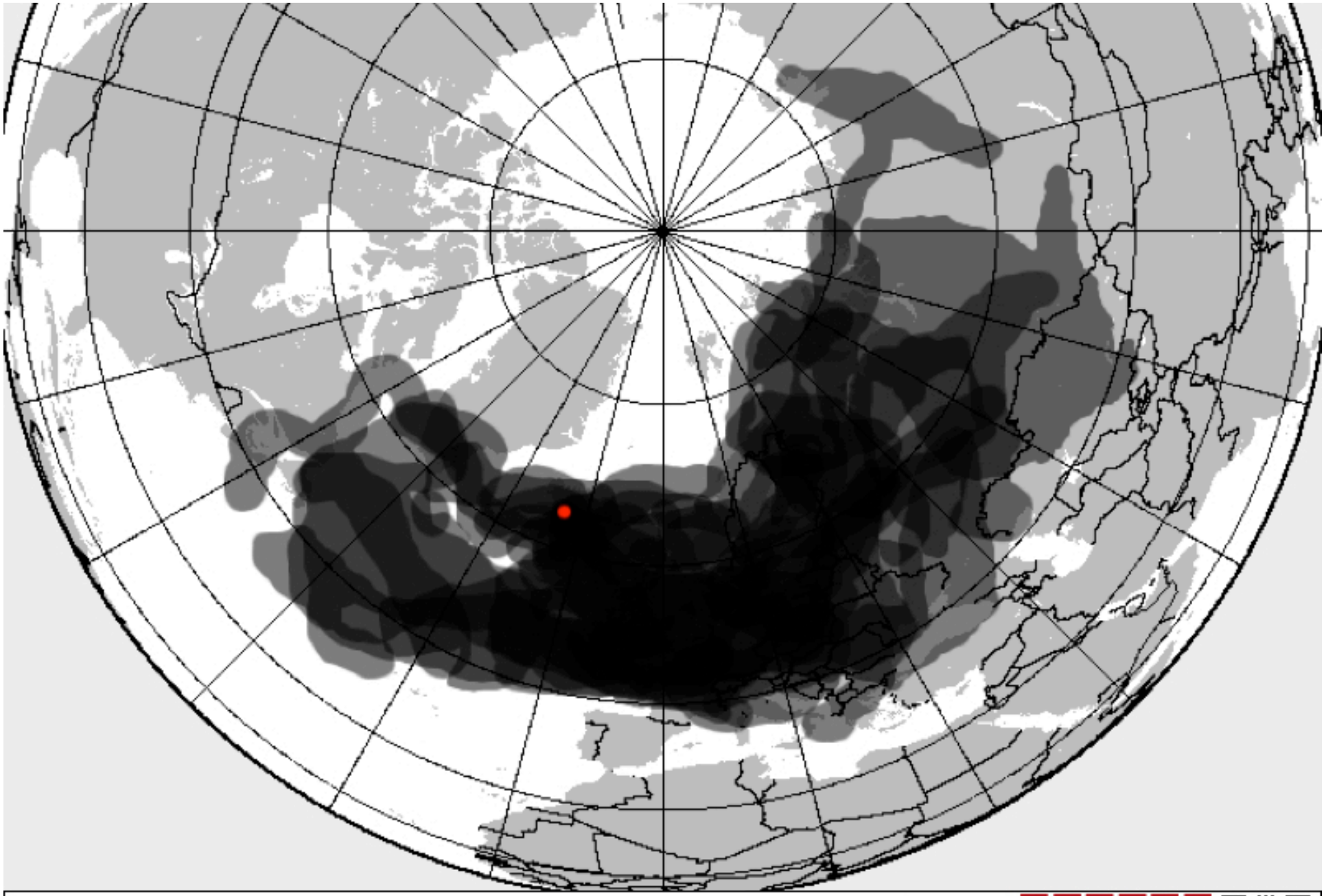

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"We must make decisions based on the real situation in the sky, not on theoretical models,"

Giovanni Bisignani, DG/CE International Air Transport Association.

The Met Office's Numerical Atmospheric-dispersion Modelling Environment (NAME)

http://www.nature.com/news/2010/100427/full/4641253a.html

2010 › April › 15 Now

paulo_one: The sound of silence: Heathrow's neighbours welcome ash break | The Guardian: bit.ly/9TLHOs #ash **#flights** #heathrow #quiet.
Twitter - 16 Apr 2010 22:46:00

ashr: Not all **flights** r canceled. Try **...** - easily the best place for finding alternative **flights** #flydini **#flights** #ashtag.
Flydini Search - flydini.com
Twitter - 16 Apr 2010 22:35:50

FHTupdates: **#flights** #hotels #tours, a complete travel guide, come and explore and find all travel information, cheap tours etc .
Flights Hotels Tours - flightshotelstours.com
Twitter - 16 Apr 2010 20:09:42

MartinPeterBell: Very strange atmosphere in AMS: nobody complaining and the walls are lined with well dressed tramps. **#flights** #volcanic #ash.
Twitter - 16 Apr 2010 19:57:42

NadiaE: is there a hashtag to follow for **#flights** in and out of #London?
Twitter - 16 Apr 2010 19:11:15

wirereporter: Switzerland to close airspace at midnight due to cloud of ash from Iceland volcano eruption #ashtag **#flights** #gva #zrh.

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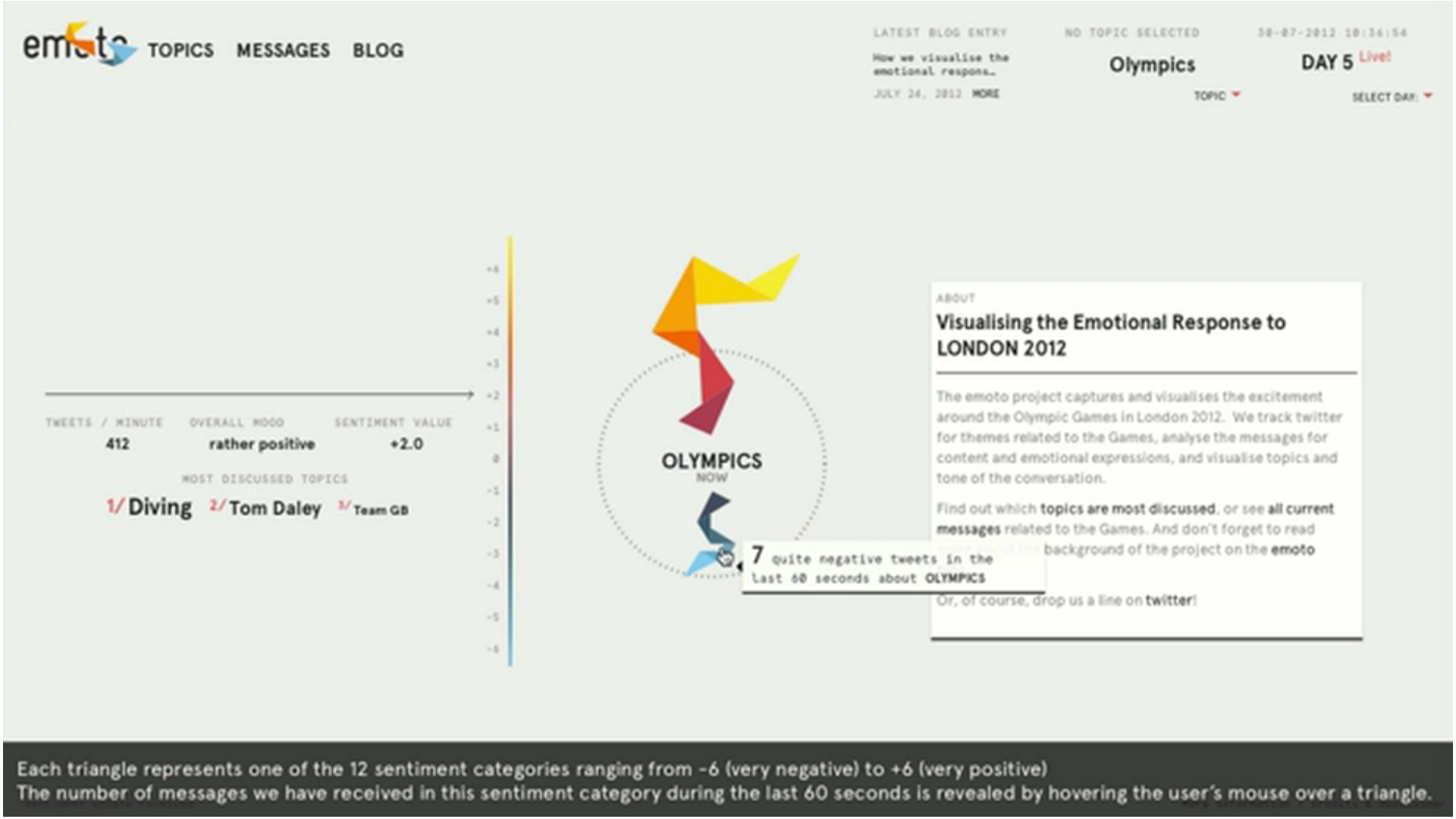

Each triangle represents one of the 12 sentiment categories ranging from -6 (very negative) to +6 (very positive)
The number of messages we have received in this sentiment category during the last 60 seconds is revealed by hovering the user's mouse over a triangle.

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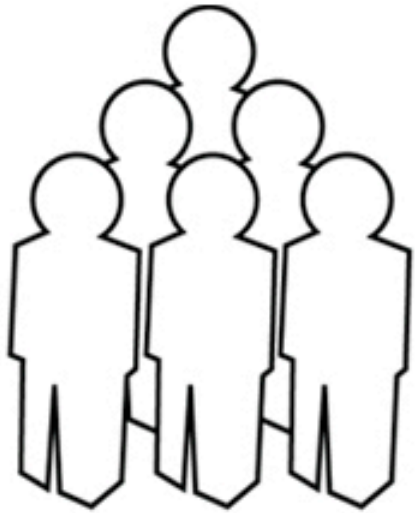
S-OS



S-OS

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S-OS, a '**Social Operating System**' for the City of Plymouth,
...a series of creative interventions and strategic manifestations to provide a new and more meaningful 'algorithm' for Social Exchange and a better measure for 'Quality of Life'.

S-OS has been developed to propose and calculate a new 'Social Exchange Index' based on a methodology that links the strategic **S-OS** applications and processes to the Governments 'Quality of Life Indicators'.

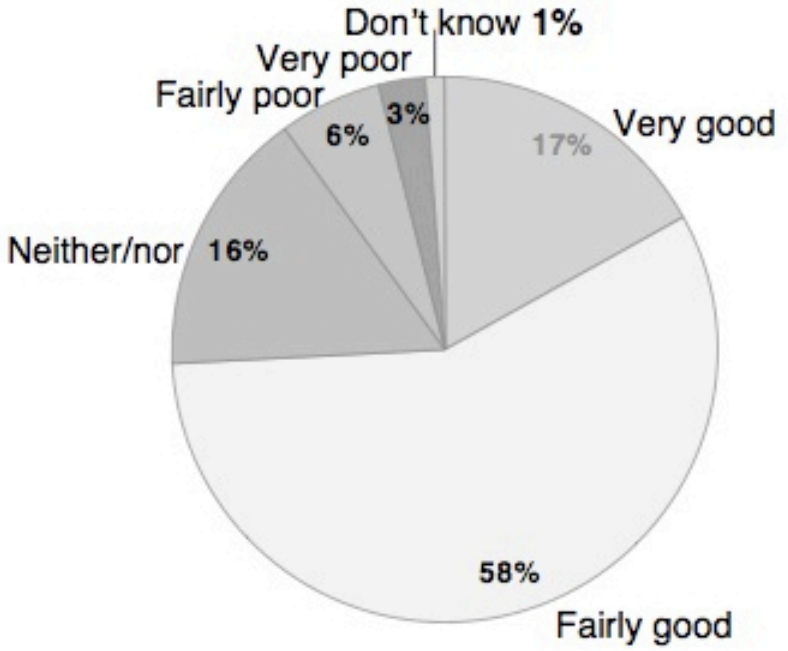
These indicators are used by government to measure 'success' and progress towards economic, social and environmental sustainability, calculating 'quality' by measuring 'quantity'.

They suggest that happiness lies somewhere at the end of a bell curve and that true love can be found in a slice of a pie chart.

Quality of Life

Most residents in Plymouth rate the quality of life in Plymouth as good, with 17% rating it very good.

Q6 Overall, how would you rate the quality of life in Plymouth?



Base: All respondents (524)

Source: MORI

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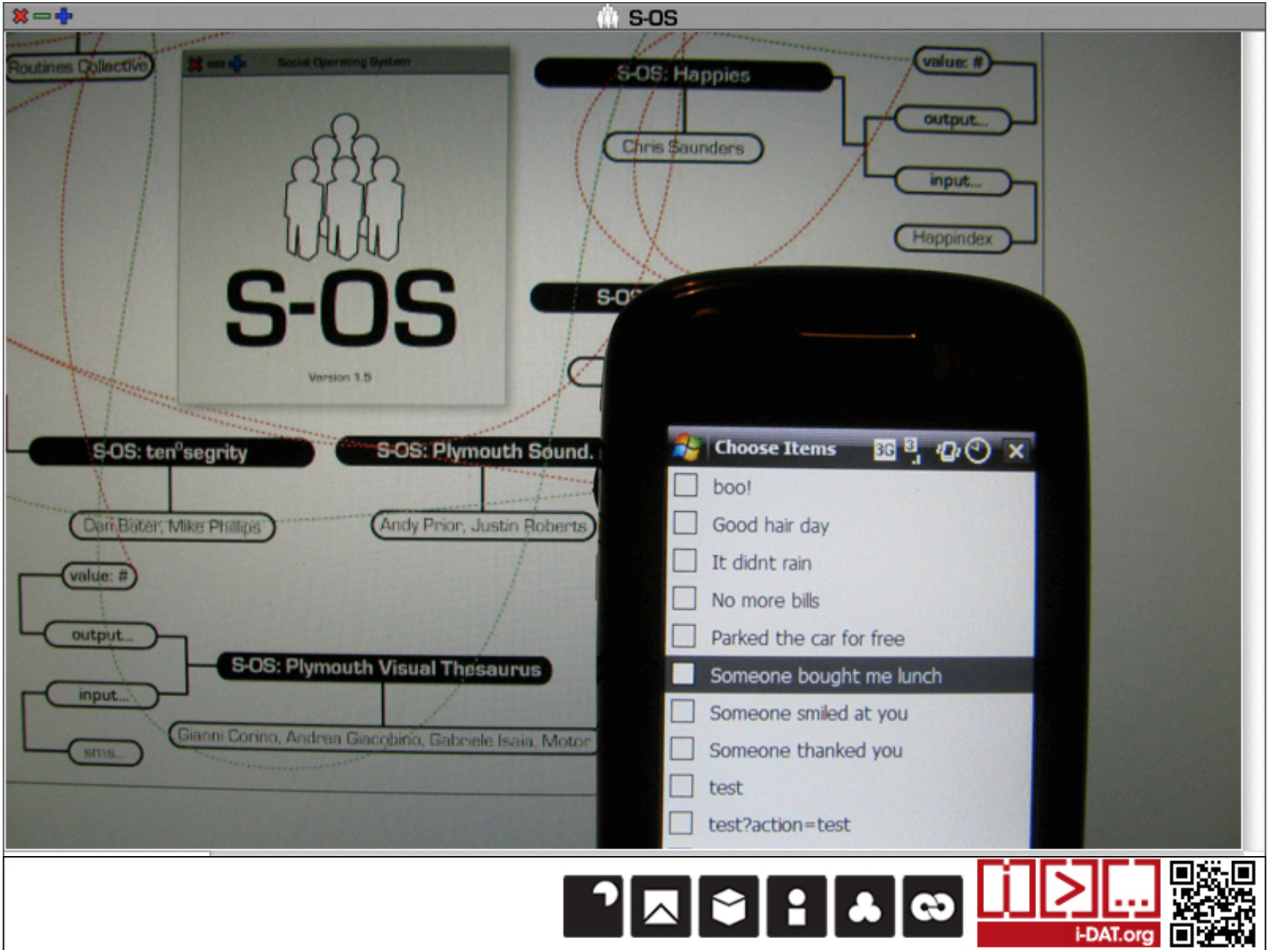
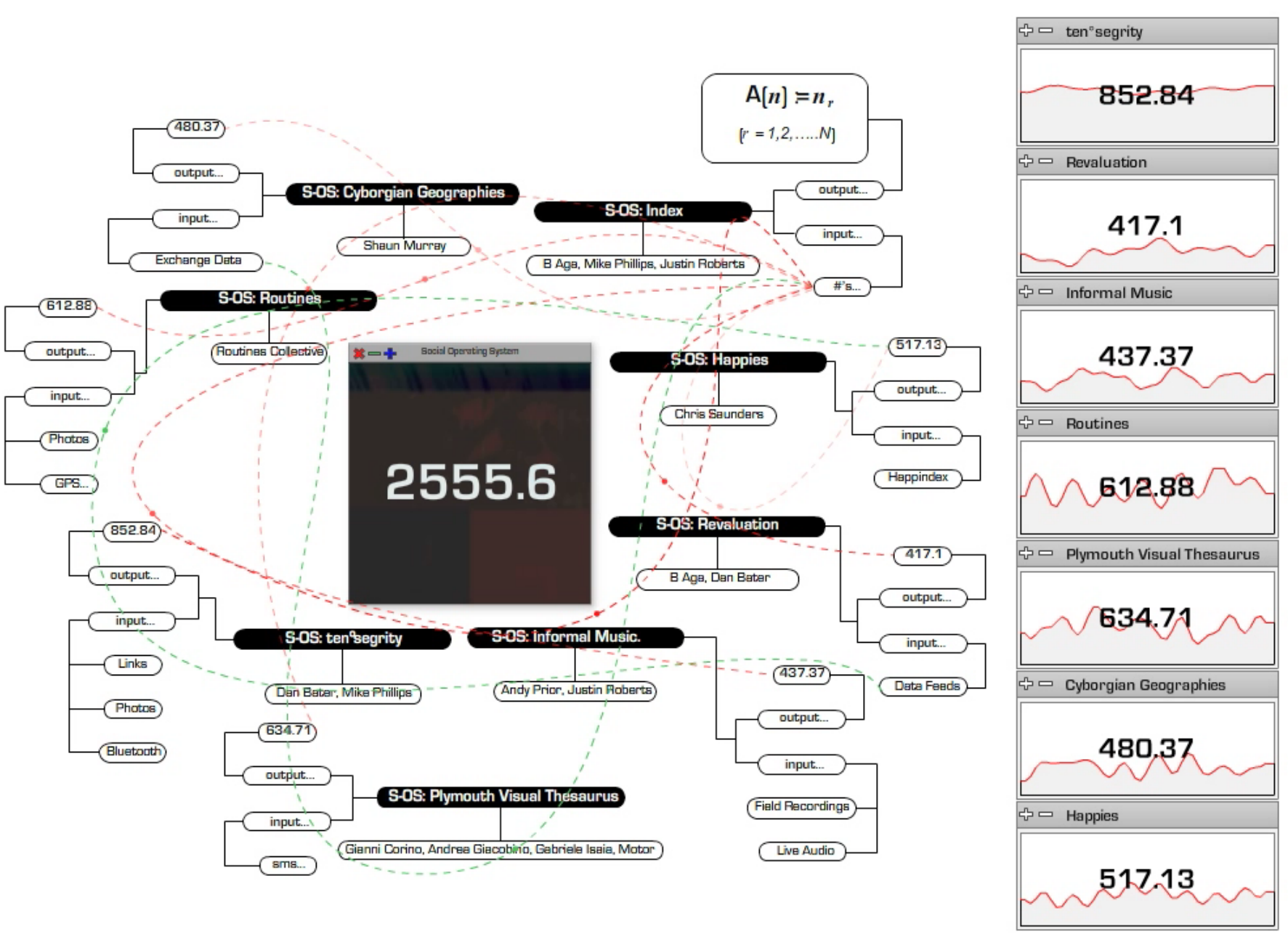
$$\mathbf{A}(n) := n_r \; [r = 1,2,.....N],$$

where **A**(n) is probably the value of the Quality of Life,
and [r = 1,2,.....N] are the numerous calculations that happen within a city.

These calculations constitute an invisible fabric woven through the everyday processes of social exchange (a smile, a swap, a sneer) and can be understood as a Social Operating System when made manifest.

This presentation discuses the contribution 'play' makes to '**N**' in the S-OS algorithm.


S-OS
Routines Collective
Social Operating System
S-OS
Version 1.5
S-OS: Happies
Chris Saunders
value: #
output...
input...
Happindex
S-OS: ten°segrity
Dan Bater, Mike Phillips
S-OS: Plymouth Sound.
Andy Prior, Justin Roberts
value: #
output...
input...
sms...
S-OS: Plymouth Visual Thesaurus
Gianni Corino, Andrea Giacobino, Gabriele Isaia, Motor
Choose Items
boo!
Good hair day
It didnt rain
No more bills
Parked the car for free
Someone bought me lunch
Someone smiled at you
Someone thanked you
test
test?action=test


A(n) ≔ n_r
{r = 1,2,.....N}
480.37
output...
input...
Exchange Data
S-OS: Cyborgian Geographies
Shaun Murray
S-OS: Index
output...
input...
#'s...
B Aga, Mike Phillips, Justin Roberts
612.88
output...
input...
Photos
GPS...
S-OS: Routines
Routines Collective
Social Operating System
2555.6
S-OS: Happies
Chris Saunders
517.13
output...
input...
Happindex
852.84
output...
input...
Links
Photos
Bluetooth
S-OS: ten°segrity
Dan Bater, Mike Phillips
S-OS: Revaluation
B Aga, Dan Bater
417.1
output...
input...
Data Feeds
S-OS: informal Music.
Andy Prior, Justin Roberts
437.37
output...
input...
Field Recordings
Live Audio
634.71
output...
input...
sms...
S-OS: Plymouth Visual Thesaurus
Gianni Corino, Andrea Giacobino, Gabriele Isaia, Motor
ten°segrity
852.84
Revaluation
417.1
Informal Music
437.37
Routines
612.88
Plymouth Visual Thesaurus
634.71
Cyborgian Geographies
480.37
Happies
517.13

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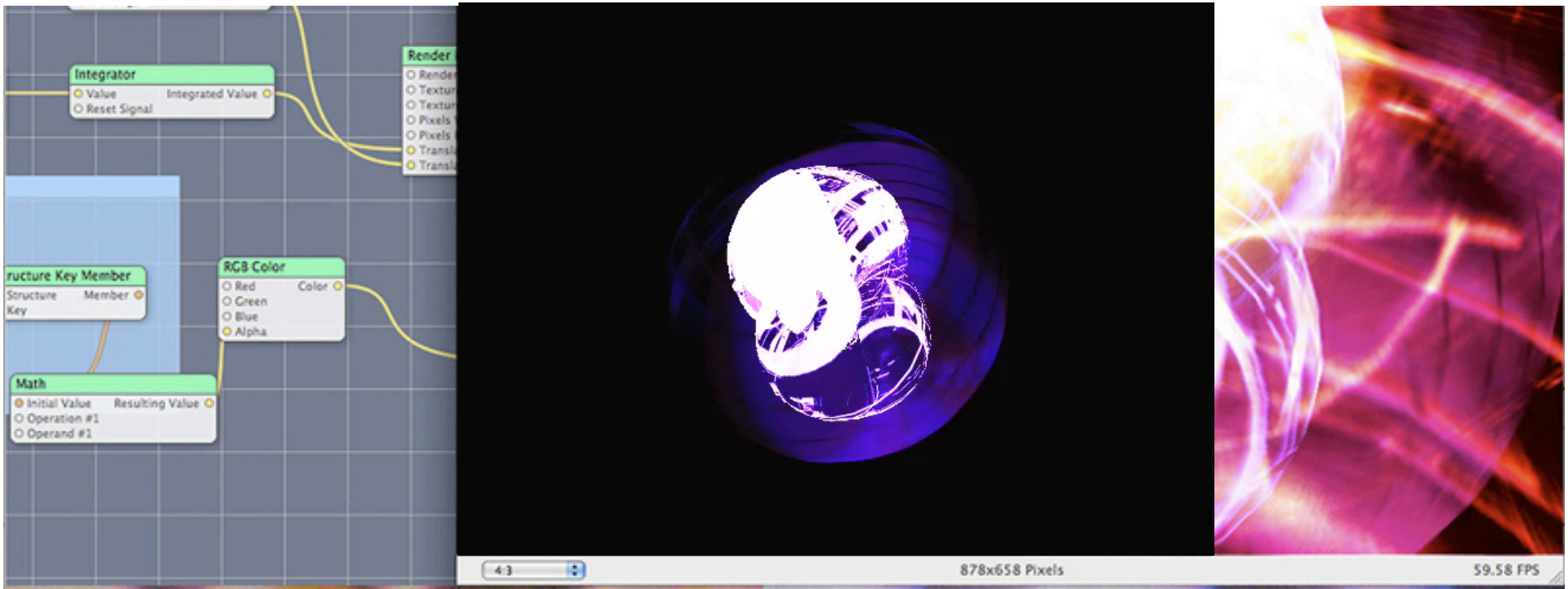
Integrator
Value
Reset Signal
Integrated Value
RGB Color
Red
Green
Blue
Alpha
Color
Math
Initial Value
Operation #1
Operand #1
Resulting Value
4:3
878x658 Pixels
59.58 FPS

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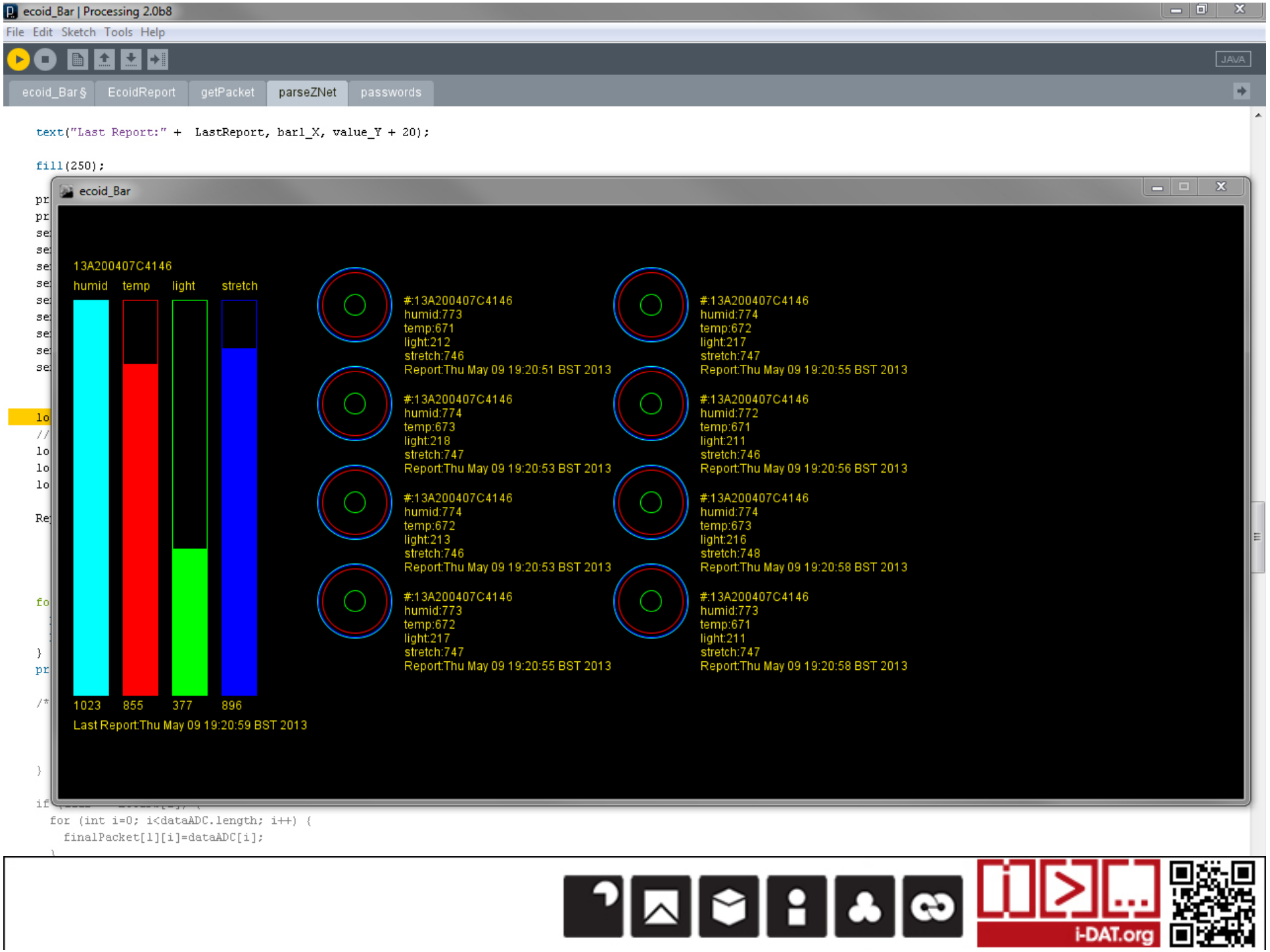
ecoid_Bar | Processing 2.0b8
File Edit Sketch Tools Help
JAVA
ecoid_Bar §
EcoidReport
getPacket
parseZNet
passwords
text("Last Report:" + LastReport, barl_X, value_Y + 20);
fill(250);
ecoid_Bar
13A200407C4146
humid
temp
light
stretch
1023
855
377
896
Last Report:Thu May 09 19:20:59 BST 2013
#:13A200407C4146
humid:773
temp:671
light:212
stretch:746
Report:Thu May 09 19:20:51 BST 2013
#:13A200407C4146
humid:774
temp:673
light:218
stretch:747
Report:Thu May 09 19:20:53 BST 2013
#:13A200407C4146
humid:774
temp:672
light:213
stretch:746
Report:Thu May 09 19:20:53 BST 2013
#:13A200407C4146
humid:773
temp:672
light:217
stretch:747
Report:Thu May 09 19:20:55 BST 2013
#:13A200407C4146
humid:774
temp:672
light:217
stretch:747
Report:Thu May 09 19:20:55 BST 2013
#:13A200407C4146
humid:772
temp:671
light:211
stretch:746
Report:Thu May 09 19:20:56 BST 2013
#:13A200407C4146
humid:774
temp:673
light:216
stretch:748
Report:Thu May 09 19:20:58 BST 2013
#:13A200407C4146
humid:773
temp:671
light:211
stretch:747
Report:Thu May 09 19:20:58 BST 2013
for (int i=0; i<dataADC.length; i++) {
finalPacket[1][i]=dataADC[i];
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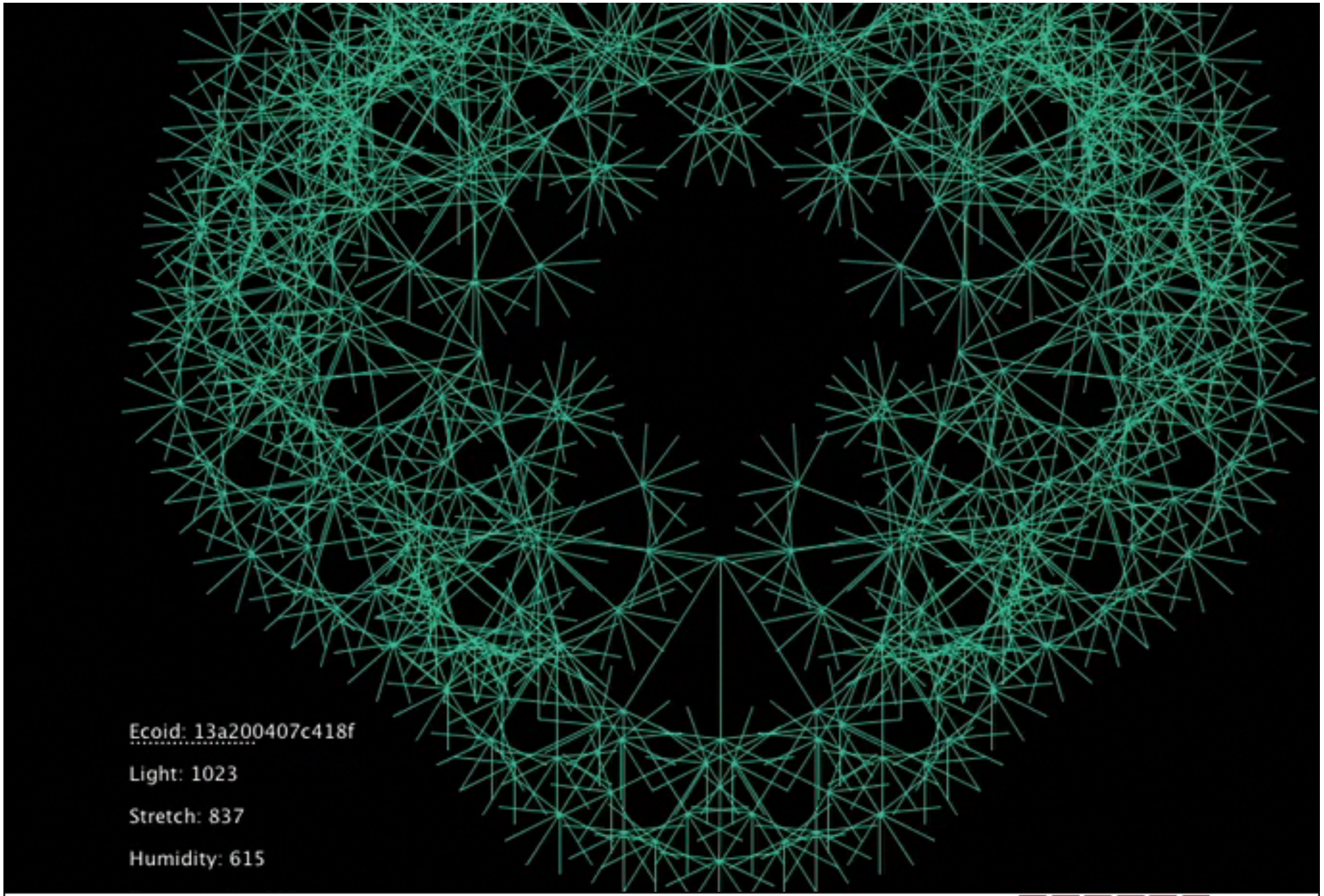
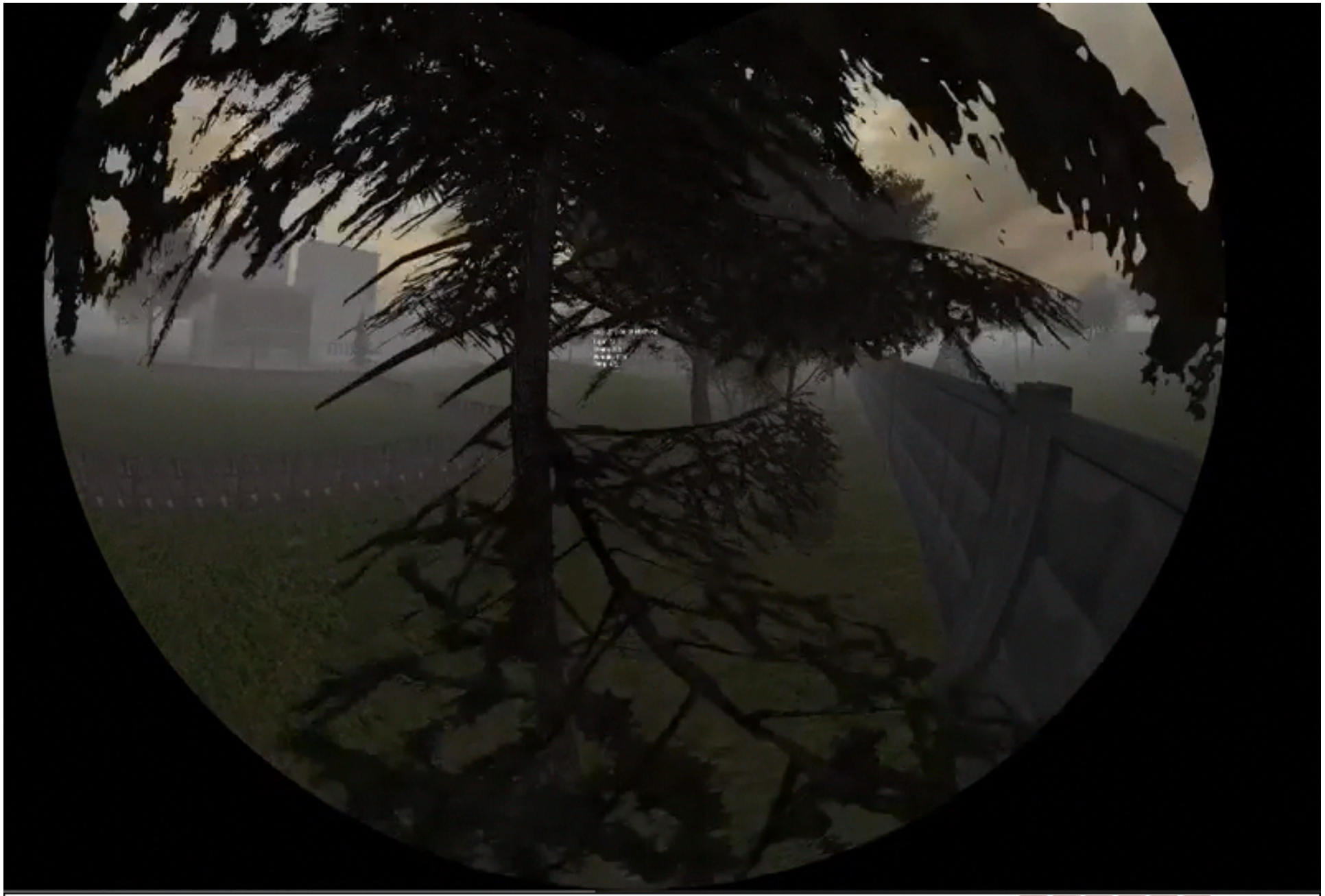


i-DAT.org



“as much as the rational technocracies of policy and decision making might otherwise imply, environment processes need to be felt as much as understood.”

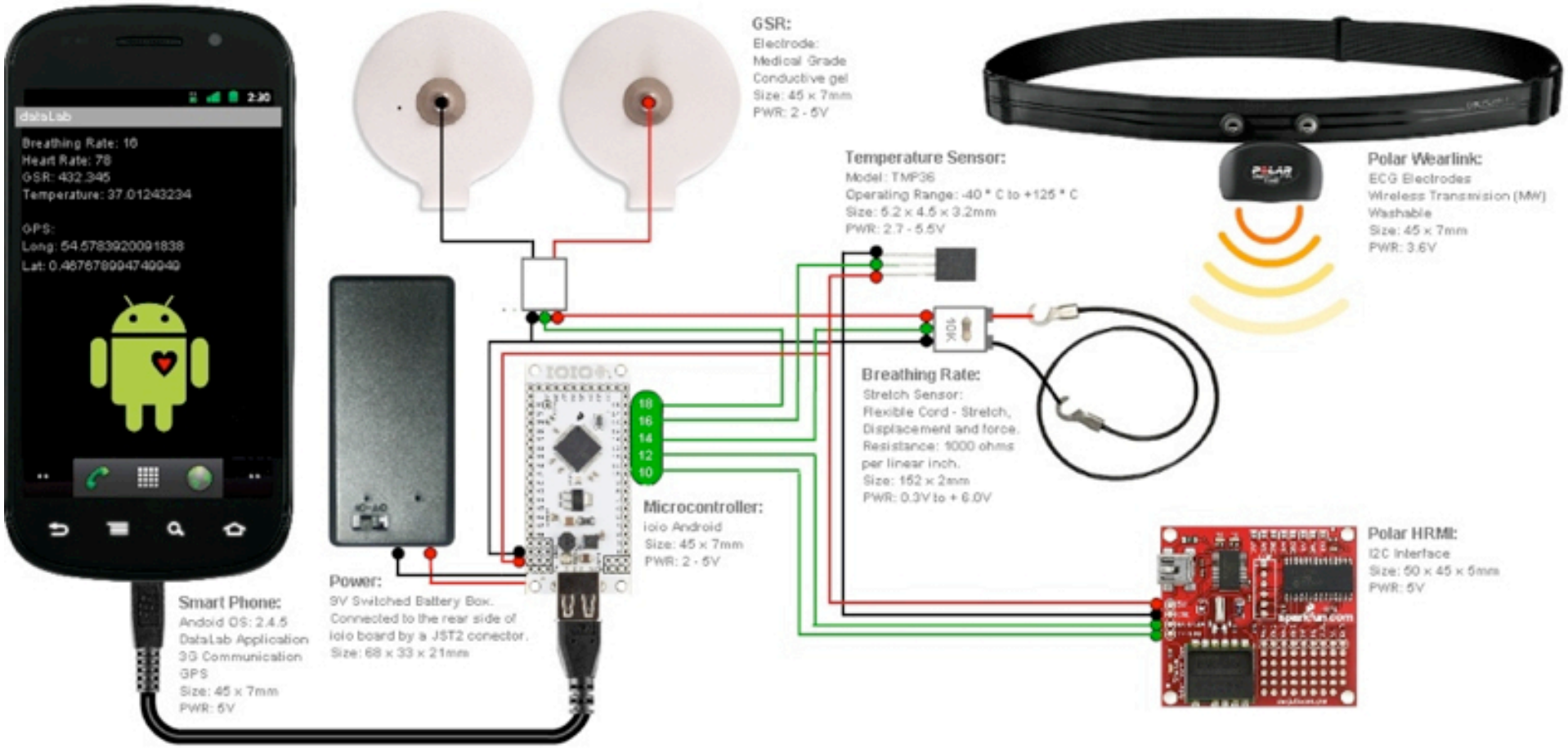
Dr Fish of the Centre for Rural Policy Research
University of Exeter

DataLab bio-sensing prototype: **ioio**

Revsion **02**

Updated: **27/08/11**

Microcontroller: **ioio**
Auctators / Sensors: **8**
Communication: **3G Mobile**
PWR: **5-15V**



```
5/10/11 17:24:38 - pulse becomes 51
6/10/11 12:12:46 - pulse becomes 4.5526989798684317
6/10/11 12:12:46 - pulse becomes 4.5526989798684317
6/10/11 12:12:46 - lat becomes 0.0
6/10/11 12:12:46 - long becomes 0.0
6/10/11 12:12:46 - lat becomes 0.0
6/10/11 12:12:46 - breathing becomes 0.018572826
6/10/11 12:12:46 - long becomes 0.0
6/10/11 12:12:46 - gsr becomes 10.233431
6/10/11 12:12:46 - breathing becomes 0.018572826
6/10/11 12:12:46 - temp becomes -46.009033
6/10/11 12:12:46 - gsr becomes 10.233431
6/10/11 12:12:46 - temp becomes -46.009033
6/10/11 12:13:29 - pulse becomes 81.74386920980926
6/10/11 12:13:29 - lat becomes 0.0
6/10/11 12:13:29 - long becomes 0.0
6/10/11 12:13:29 - breathing becomes 0.024437929
6/10/11 12:13:29 - gsr becomes 10.334702
6/10/11 12:13:29 - temp becomes 2.5483856
6/10/11 12:15:41 - pulse becomes 81.74386920980926
6/10/11 12:15:41 - lat becomes 0.0
6/10/11 12:15:41 - long becomes 0.0
6/10/11 12:15:41 - breathing becomes 0.22678398
6/10/11 12:15:41 - gsr becomes 13.358553
6/10/11 12:15:41 - temp becomes 27.322577
6/10/11 12:16:24 - pulse becomes 54.200542005420054
6/10/11 12:16:24 - lat becomes 0.0
6/10/11 12:16:24 - long becomes 0.0
6/10/11 12:16:24 - breathing becomes 0.22482893
6/10/11 12:16:24 - gsr becomes 13.357184
6/10/11 12:16:24 - temp becomes 18.40387
6/10/11 12:17:12 - pulse becomes 110.49723756906077
6/10/11 12:17:12 - lat becomes 0.0
6/10/11 12:17:12 - long becomes 0.0
6/10/11 12:17:12 - breathing becomes 0.22385141
6/10/11 12:17:12 - gsr becomes 13.356207
6/10/11 12:17:12 - temp becomes 18.40387
```

Feed

```
  <timestamp>1318250732959</timestamp>
  <value>82.98755186721992</value>
</reading>
<reading>
  <type>lat</type>
  <timestamp>1318250732959</timestamp>
  <value>50.27804472889751</value>
</reading>
<reading>
  <type>long</type>
  <timestamp>1318250732959</timestamp>
  <value>-4.150649955645204</value>
</reading>
<reading>
  <type>BR</type>
  <timestamp>1318250732959</timestamp>
  <value>0.2864125</value>
</reading>
```

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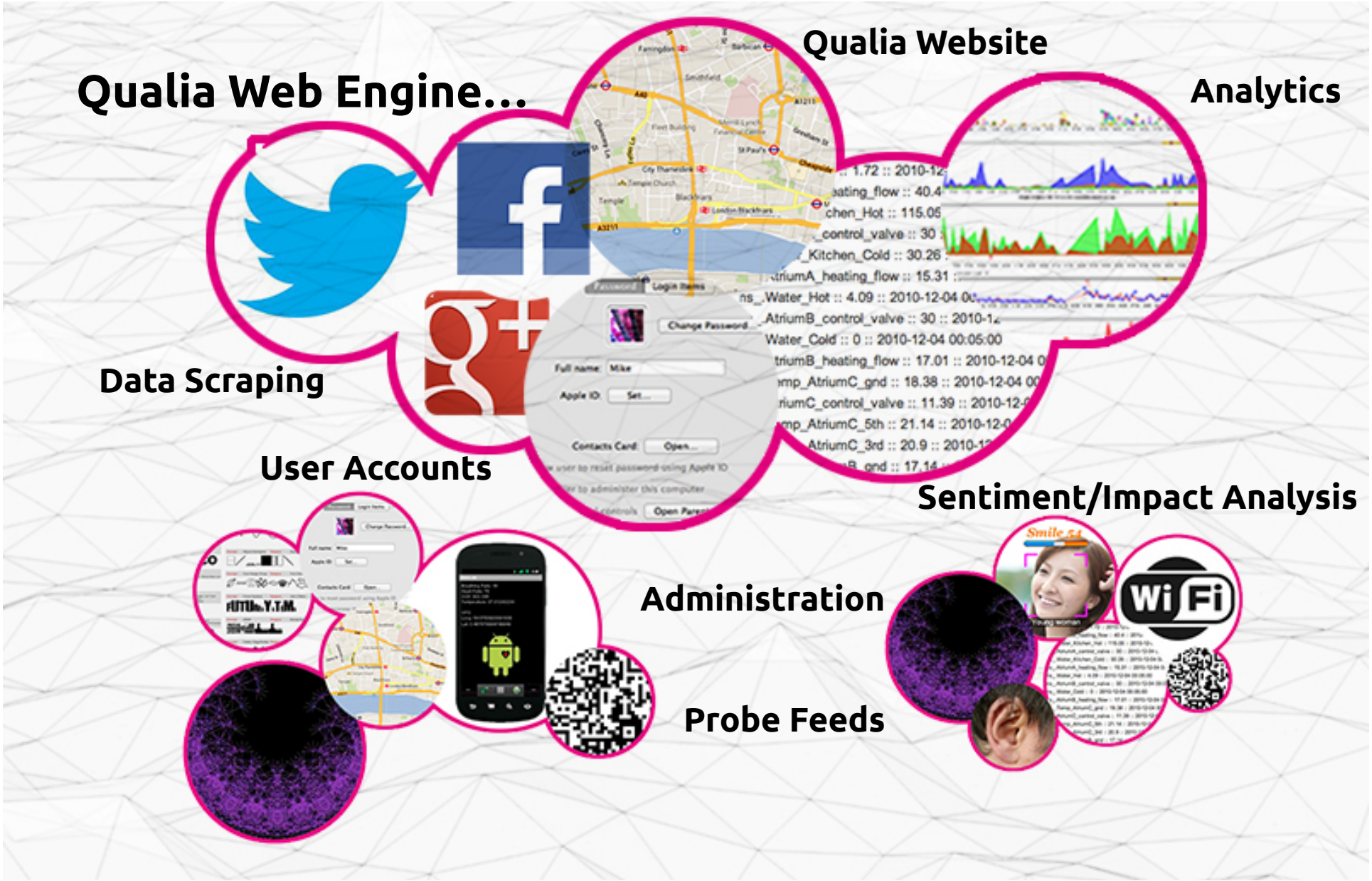
BOUNC
Meaning 'science and technology' in Mandarin, KeJi is a
with artificial intelligence that gets under the skin of humans
synchronising with their heartbeat and then communicating
them directly via SMS and tweets.
and general mood of the

Smile 54
Young woman

Qualia Probes…

Qualia Mobile Apps...


Qualia Web Engine…
Qualia Website
Analytics
Data Scraping
User Accounts
Sentiment/Impact Analysis
Administration
Probe Feeds
Change Password…
Full name: Mike
Apple ID:
Set…
Contacts Card:
Open…
Wi Fi

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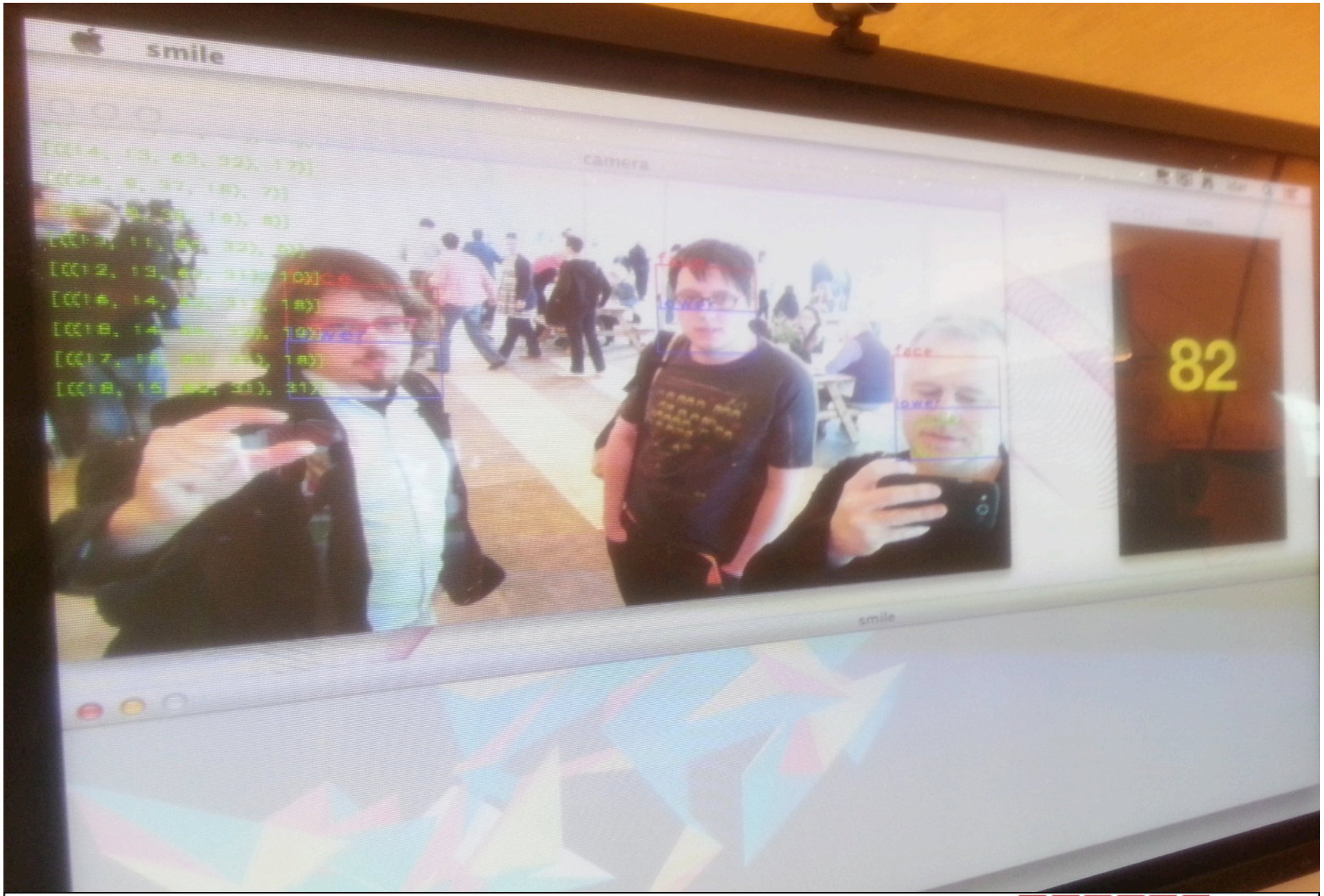
74
START EVERY DAY OFF
WITH A SMILE AND GET
IT OVER WITH



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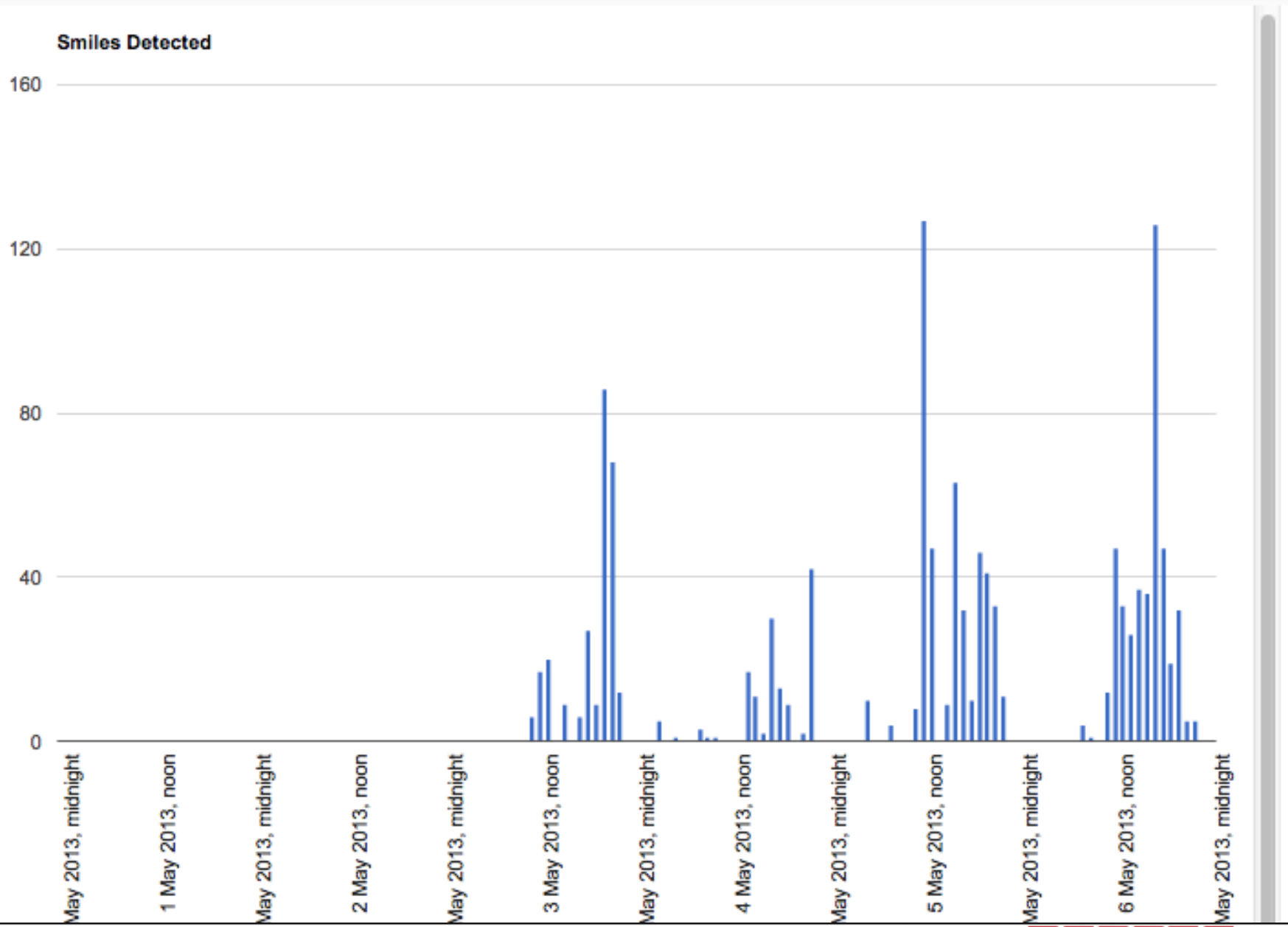
Smiles Detected
160
120
80
40
0
May 2013, midnight
1 May 2013, noon
May 2013, midnight
2 May 2013, noon
May 2013, midnight
3 May 2013, noon
May 2013, midnight
4 May 2013, noon
May 2013, midnight
5 May 2013, noon
May 2013, midnight
6 May 2013, noon
May 2013, midnight

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INTRA-FESTIVAL QUESTIONS [AFTER EACH EVENT]

1. What comes to mind when you think of Science?
Open response

1. **How would you rate your level of agreement with the following statements about the event you most recently attended?**
   [1-Strongly Disagree, 7-Strongly Agree; Don't know / No opinion]
   a. The event did not match my expectations.
   b. The event has made me feel inspired.
   c. I am disappointed by the quality of the event.
   d. Overall, I found the event enjoyable.
   e. I don't know enough about science to fully participate in this kind of event.
   f. I was generally satisfied with my experience at the event.

Schedule Feedback Flow Dashboard

1 (-) to 5 (+) or DK (Undecided / No opinion)

Met my expectations: 4

Quality: 1

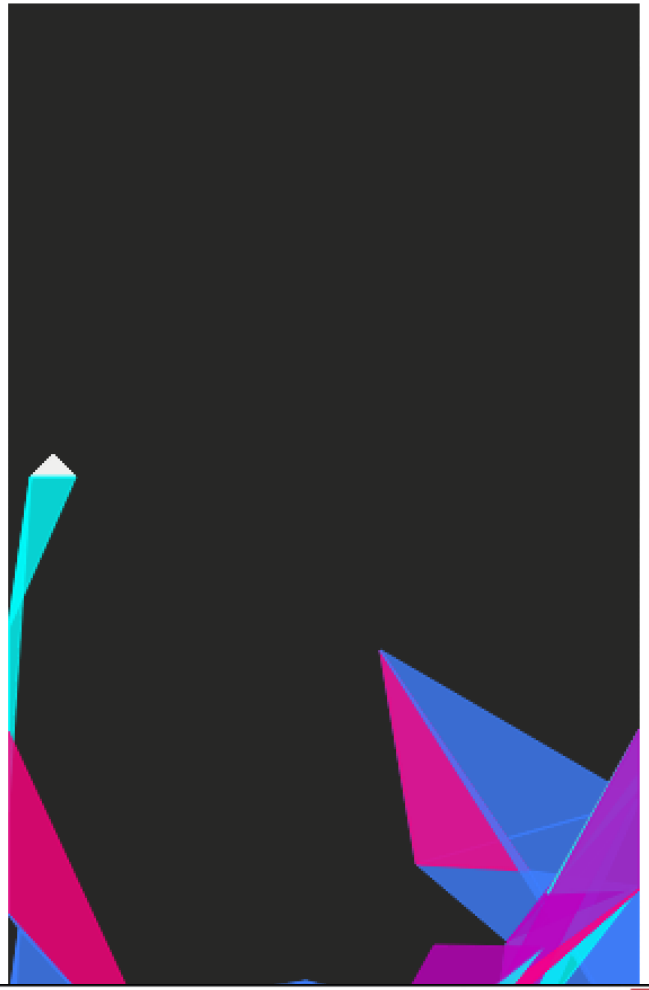
Enjoyment: 2

Inspirational: 5

Overall satisfaction: 3

Comments...

Schedule Feedback Flow Dashboard



Schedule Fe

Tweet with #ch

Triangles T

@DPWF

@daraobriain m
an autograph...
#cheltscifest ht
@alokjha

@Soton

Yeah Physics ar
@AstroPhysSot
vrxDfI3DUd

@9Serer

Drinking on the
http://t.co/xGc

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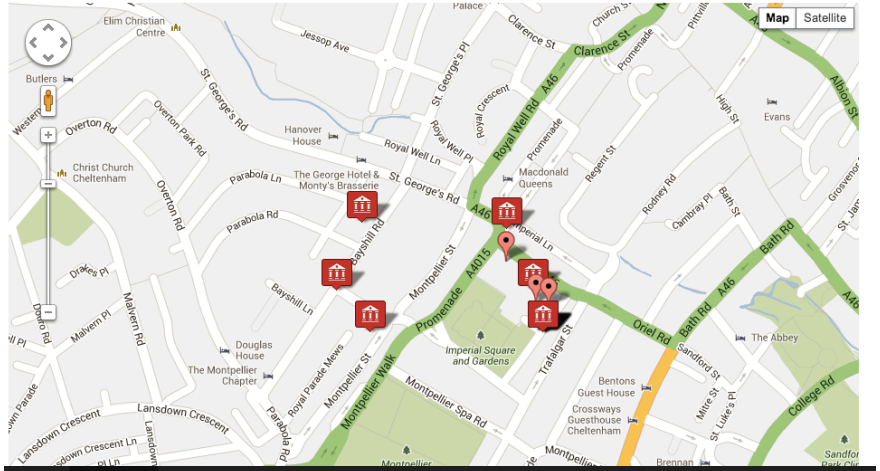
Map | Responses | Social Media | Push | Numbers

Just showing most recent visitor hotspots detected by the web engine. I'll update this page to show GPS traces later today, as people start using the app.



Map | **Responses** | Social Media | Push | Numbers

Just showing the 10 most recent event responses collected in the Qualia App. I will add to the stats tab as these come through.

Latest Responses | Stats

Energy Harvesting Quick Find: S079	• Satisfaction: 4 • Quality: 5 • Enjoyable: 4 • Expectations: 4 • Inspired: 4	Comment:
Raspberry Pi Workshop Quick Find: S146	• Satisfaction: 5 • Quality: 5 • Enjoyable: 5 • Expectations: 5 • Inspired: 5	Comment: glad they put on more workshops!

Visitors signed up	33
GPS Locations reported	55
GPS Hotspots Detected	6
Attendances logged	116
Tweets collected	5795
Tweet's sentiment processed	5795
Links extracted (work in progress)	0

Site administration

Auth		
Groups	Add	Change
Users	Add	Change
Core		
Attendances	Add	Change
Event responses	Add	Change
Events	Add	Change
GPS Hotspots	Add	Change
GPS Points	Add	Change
Images	Add	Change
Venues	Add	Change
Visitors	Add	Change
Musicmetric		
Tweet sentiments	Add	Change
Registration		
Registration profiles	Add	Change
Sites		
Sites	Add	Change
Socialmedia		
Lexicons	Add	Change
Links	Add	Change
Tweets	Add	Change
Twitter links	Add	Change
Twitter users	Add	Change
Tastypie		
Api keys	Add	Change

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