

## Tools, Websites, and Resources

### A. Tools

- Network Optimizer & Network Attack (BU) - <http://polymer.bu.edu/~trunfio/networks/network-interactives.zip>
- Graphr (BU) – <http://polymer.bu.edu/graph3/>
- NetLogo - <http://ccl.northwestern.edu/netlogo/>
- Gephi – [www.gephi.org](http://www.gephi.org)
- Pajek – <http://vlado.fmf.uni-lj.si/pub/networks/pajek/>
- Cytoscape – <http://www.cytoscape.org/>
- NetworkX for Python – <http://networkx.lanl.gov/>
- iGraph for R & Python – <http://igraph.sf.net/>
- PyCX developed by Hiroki – <http://pycx.sf.net/>
- Wolfram Research Mathematica – <http://www.wolfram.com/mathematica/>
- Wolfram Research CDF Player – <http://www.wolfram.com/cdf-player/>

See also:

Graph Commons – [www.graphcommons.com](http://www.graphcommons.com)

Network Workbench - <http://nwb.cns.iu.edu>

### B. Websites

- Vespignani: <http://www.mobs-lab.org/>
- Truthy (check out Memes): <http://truthy.indiana.edu/>
- Laszlo's lab: <http://www.barabasilab.com/>
- iCeNSA at Notre Dame: <http://icensa.nd.edu/>
- Network Science Center at West Point: <http://www.usma.edu/nsc/SitePages/Home.aspx>
- Newman: <http://www-personal.umich.edu/~mejn/>
- Migration flow: <http://www.peoplemov.in>
- Art of networks: <http://www.makinguse.com/2012/03/the-art-of-networks/>
- Sune Lehmann: <http://sunelehmann.com/press/>

Arms Trade Viz: <http://workshop.chromeexperiments.com/projects/armsglobe/> and related how to article: <http://mflux.tumblr.com/post/28367579774/armstradeviz>

See also:

<http://vw.indiana.edu/07netsci/entries/submissionspg2.html#chicago>

<http://www.wikiwebapp.com>

VisuWords - <http://wordvis.com>

## **Resources (Articles)**

<http://www.technologyreview.com/view/428399/pagerank-algorithm-reveals-soccer-teams/>

<http://maxdemarzi.com/2012/05/31/key-players/>

<http://radar.oreilly.com/2012/08/big-data-is-our-generations-civil-rights-issue-and-we-dont-know-it.html>

[http://www.huffingtonpost.com/grace-nasri/internet-social-connecting-b\\_1651098.html](http://www.huffingtonpost.com/grace-nasri/internet-social-connecting-b_1651098.html)

<https://www.bloorresearch.com/blog/IM-Blog/2012/5/graph.html>

<http://ftalphaville.ft.com/blog/2011/03/02/502806/mr-contagion-1989-2009/>

<http://bits.blogs.nytimes.com/2012/06/14/how-big-data-sees-wikipedia>

## **YouTube**

<http://www.youtube.com/watch?v=BtHpfHMS0Ic>

<http://www.youtube.com/watch?v=KtUkS2RzoNs&feature=relmfu>

<http://www.youtube.com/watch?v=IBXbyJExGuw&feature=relmfu>

<http://www.youtube.com/watch?v=arM9xYmDfto&feature=relmfu>

<http://www.youtube.com/watch?v=uMBPsEAm7VU&feature=related>

<http://www.youtube.com/watch?v=nDfrMJ44xiQ>

<http://www.youtube.com/watch?v=X7gWEgHeXcA>

Amaral (good overview): <http://www.youtube.com/watch?v=ShpFg8NUQH0>

<http://www.thetrendnet.com/en/social-initiatives/graphcommons-el-network-como-medio/>

<http://burak-arikan.com/network-map-of-artists-and-political-inclinations-7th-berlin-biennale>

[http://en.wikipedia.org/wiki/Gallery\\_of\\_named\\_graphs](http://en.wikipedia.org/wiki/Gallery_of_named_graphs)

<http://www.guardian.co.uk/technology/datablog/interactive/2012/feb/28/undersea-internet-cable-map-interactive>

<http://teaching.burak-arikan.com/creative-networking/>

Barabasi e-book: <http://barabasilab.neu.edu/networksciencebook/downloadPDF.html>

Vespignani (good overview): <https://www.youtube.com/watch?v=5uEBI2x78SI>

<http://www.nytimes.com/interactive/2011/10/23/sunday-review/an-overview-of-the-euro-crisis.htm>

<http://www.guardian.co.uk/uk/interactive/2011/dec/07/london-riots-twitter>

Apple Mac (talk about graphics and context):

[http://www.youtube.com/watch?v=v\\_BIZKqDWTw&feature=watch\\_response](http://www.youtube.com/watch?v=v_BIZKqDWTw&feature=watch_response)

Jobs: <http://www.youtube.com/watch?v=zTR6B7CBKmo#!>

History of Music: <http://3bits.net/synclost/>

Newspapers: [http://www.stanford.edu/group/ruralwest/cgi-bin/drupal/visualizations/us\\_newspapers](http://www.stanford.edu/group/ruralwest/cgi-bin/drupal/visualizations/us_newspapers)

<http://www.webdesignerdepot.com/2009/06/50-great-examples-of-data-visualization/>

Viz: <http://flowingdata.com/category/visualization/network-visualization/>