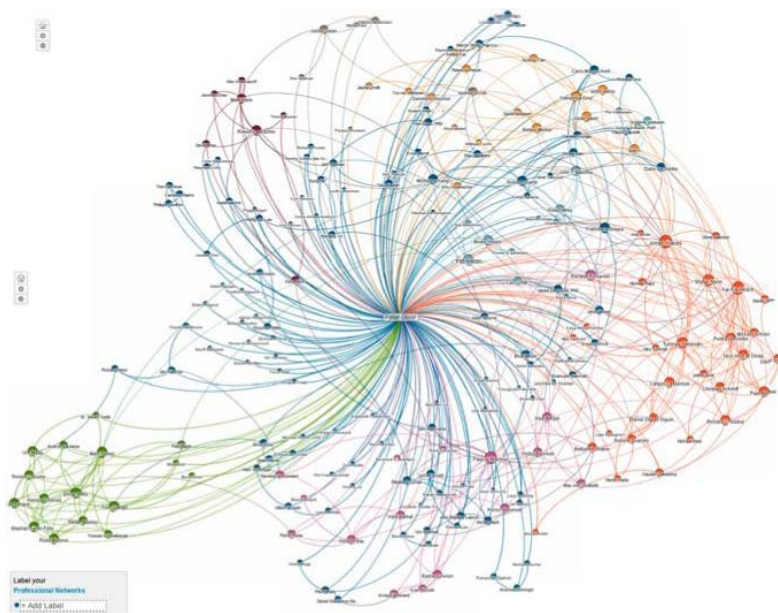


Introduction to Swarm Creativity and Collaborative Innovation Networks (COINs)



Peter A. Gloor
MIT Center for Collective Intelligence

Social Networks



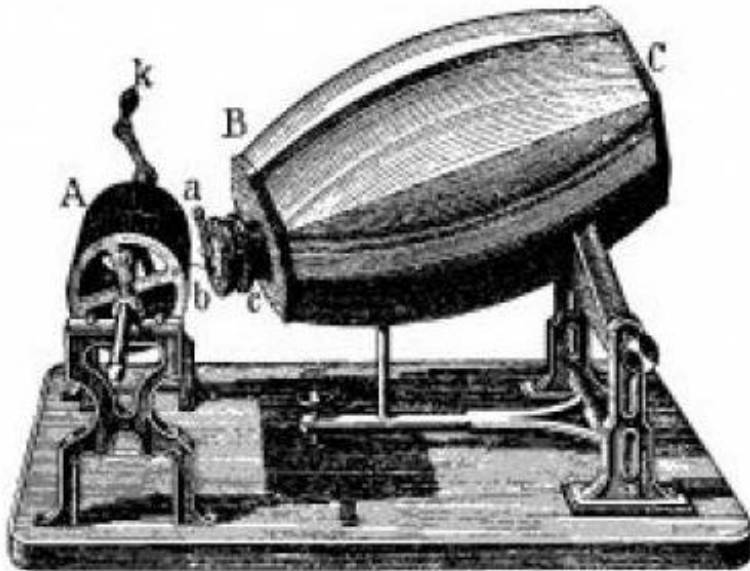
Swarm Creativity



phonautograph

Edouard-Léon Scott de Martinville

April 9, 1860.



Phonautograph.

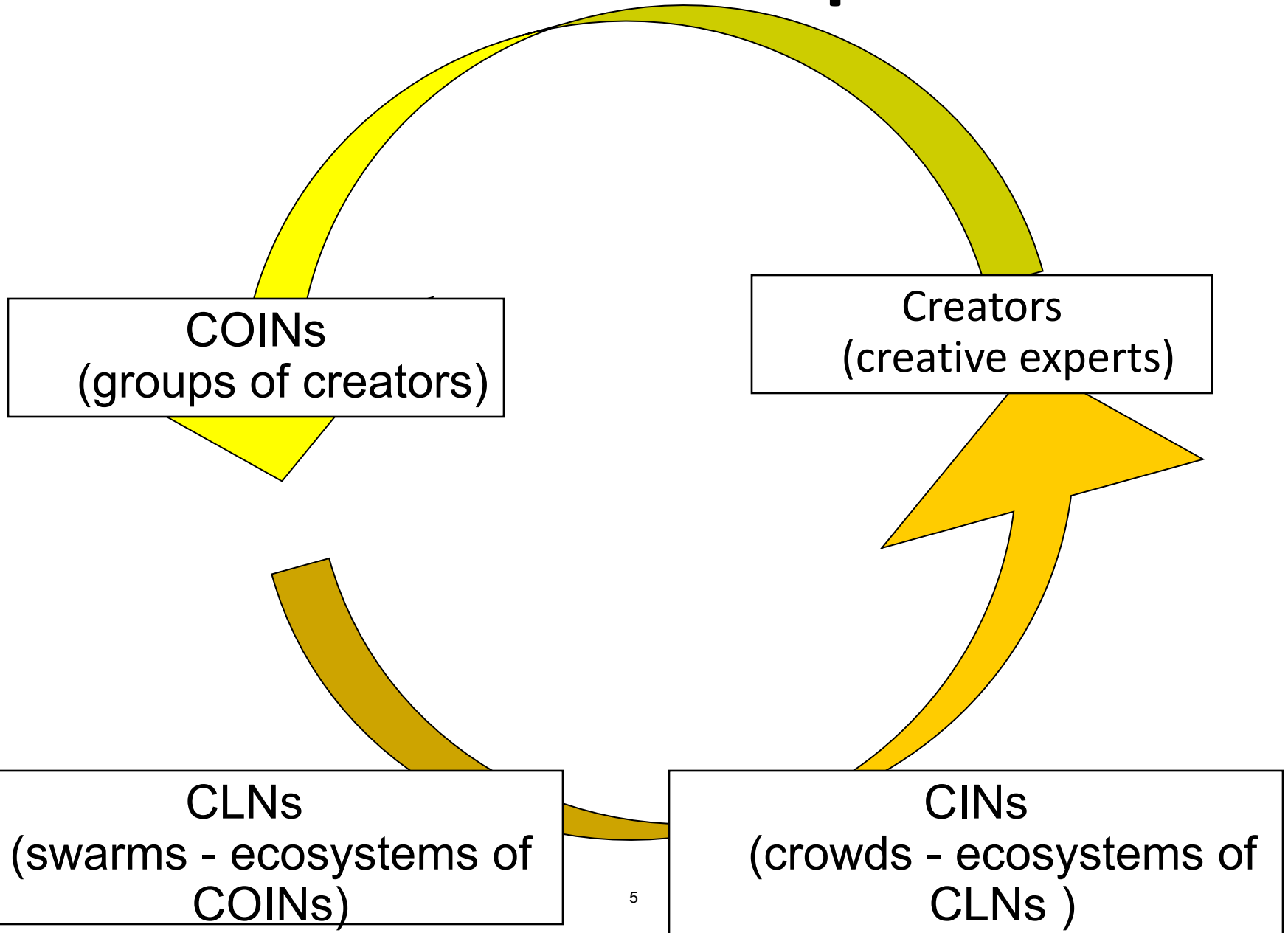
BC, barrel with opening at *C*; *c*, brass tube with membrane and style at *b*, and movable piece *a*, by which the position of the nodal points can be regulated; *k*, handle to turn cylinder (*A*) covered with lampblack paper.

This image is in the public domain. Source: Wikipedia.

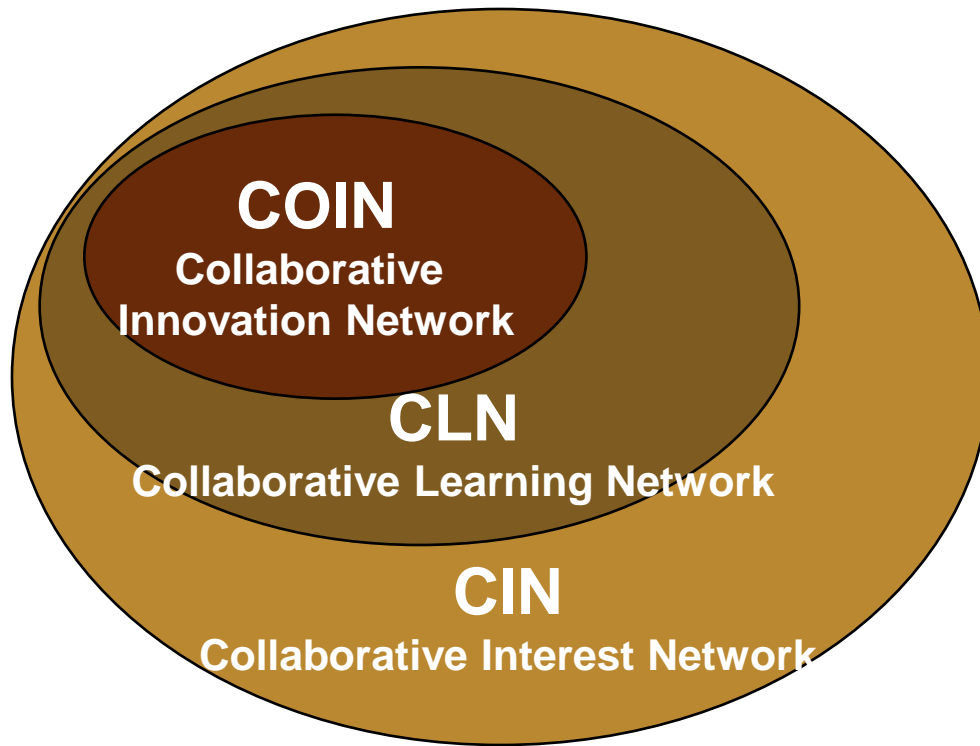


This image is in the public domain. Source: Wikipedia.

How Cool ideas develop



High-Performing Organizations operate as Collaborative Innovation Networks



Example:

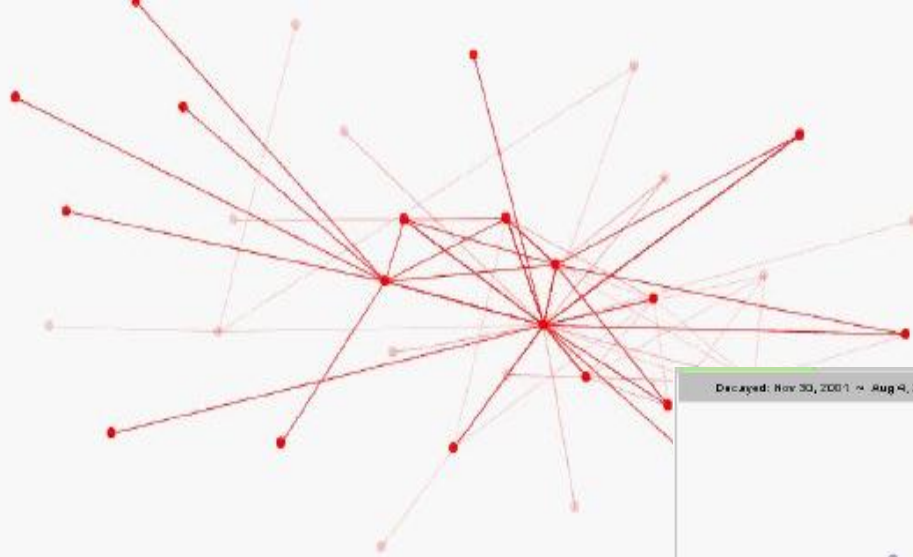
Linux Creators

Linux Maintainers (debian)

Linux Users (Slashdot)

COIN

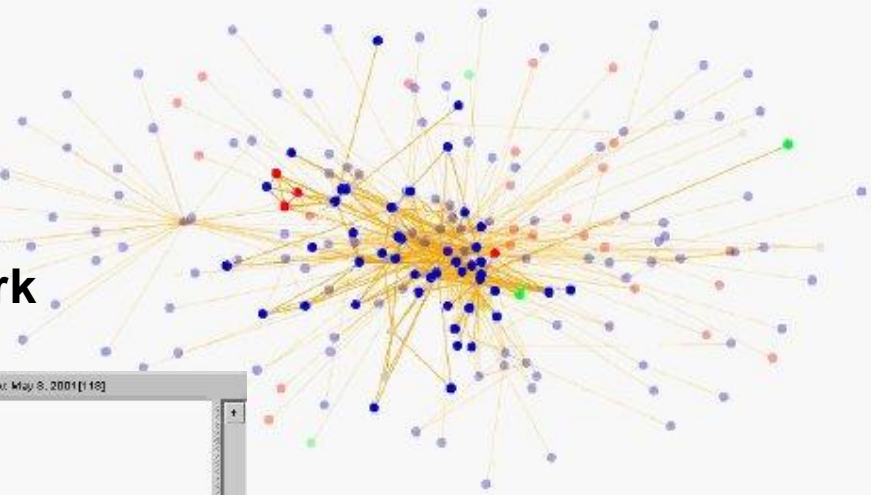
Collaborative
Innovation Network



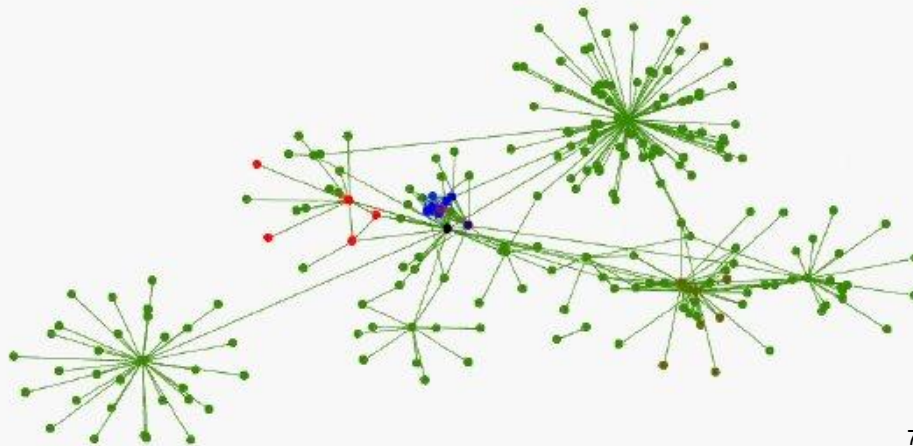
Decayed: Nov 30, 2001 ← Aug 4, 2002 Time frame: Aug 5, 2002 ← Sep 4, 2002 Reference: Nov 30, 2001 ← Sep 4, 2002 Active Persons: 54 Active Edges: 221 Row: Aug 5, 2002(249)

CLN

Collaborative
Learning Network



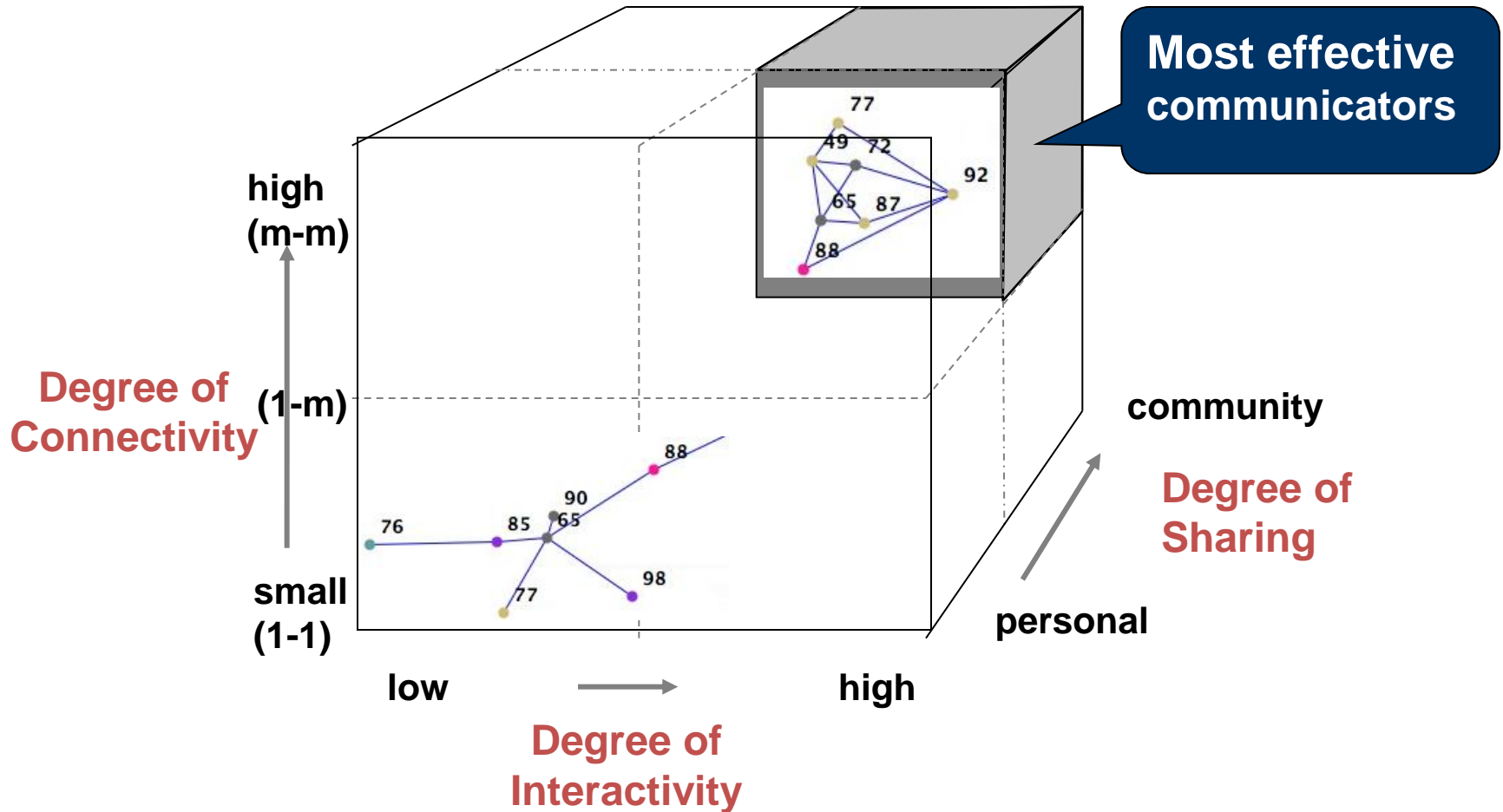
Time frame: May 3, 2001 ← Jun 2, 2001 Reference: May 3, 2001 ← Jun 2, 2001 Active Persons: 222 Active Edges: 478 Next: May 3, 2001[118]



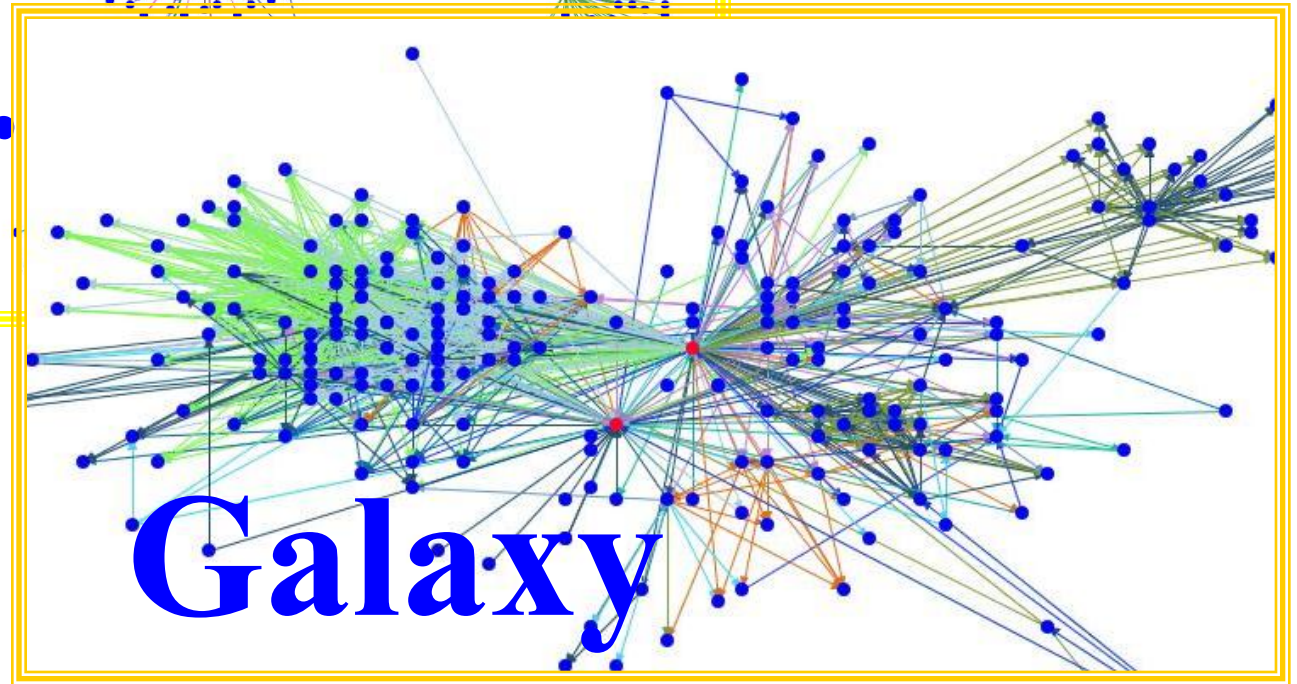
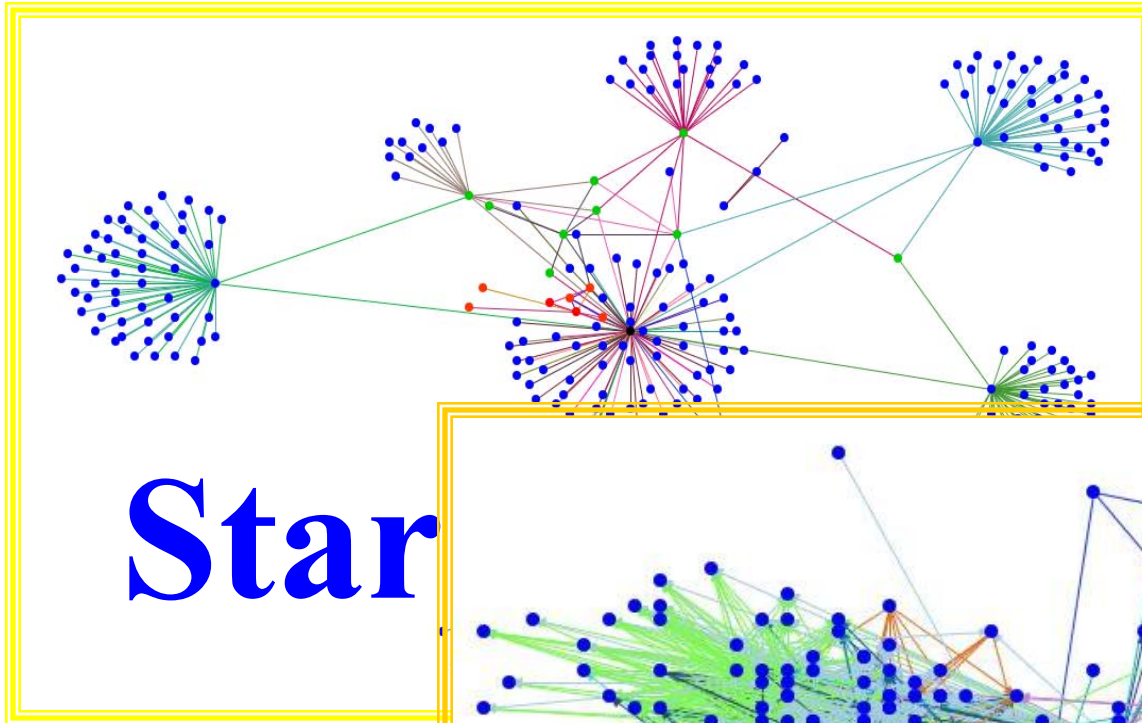
CIN

Collaborative
Interest Network

People for Innovation



Characteristics of COINs members



Don't be a star, be a galaxy!

Knowledge Flow Optimization

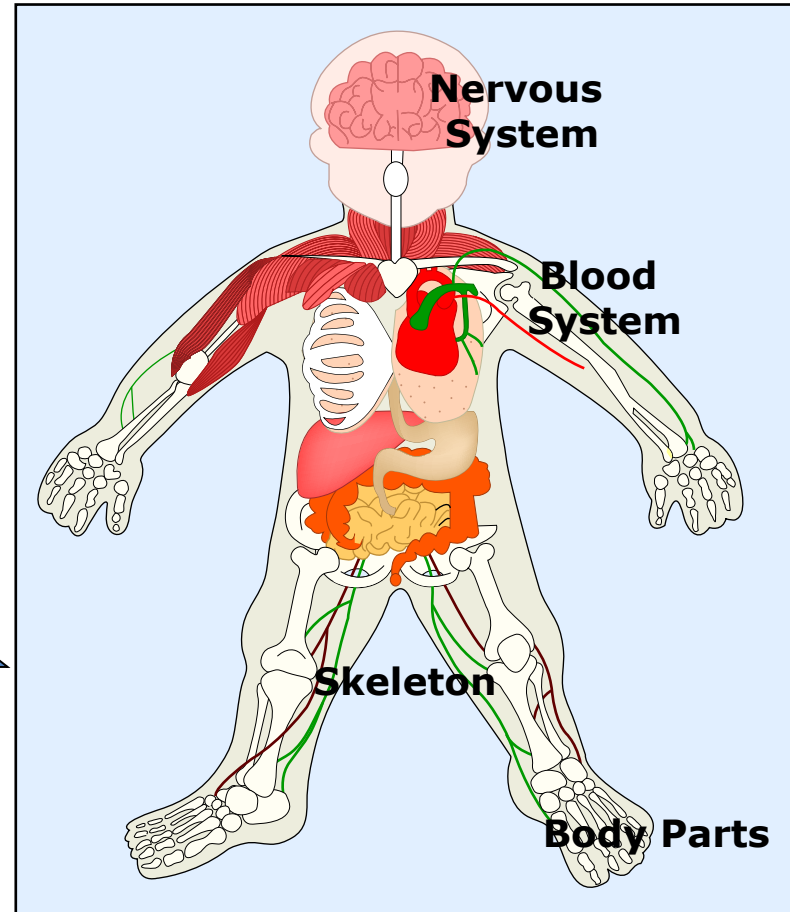
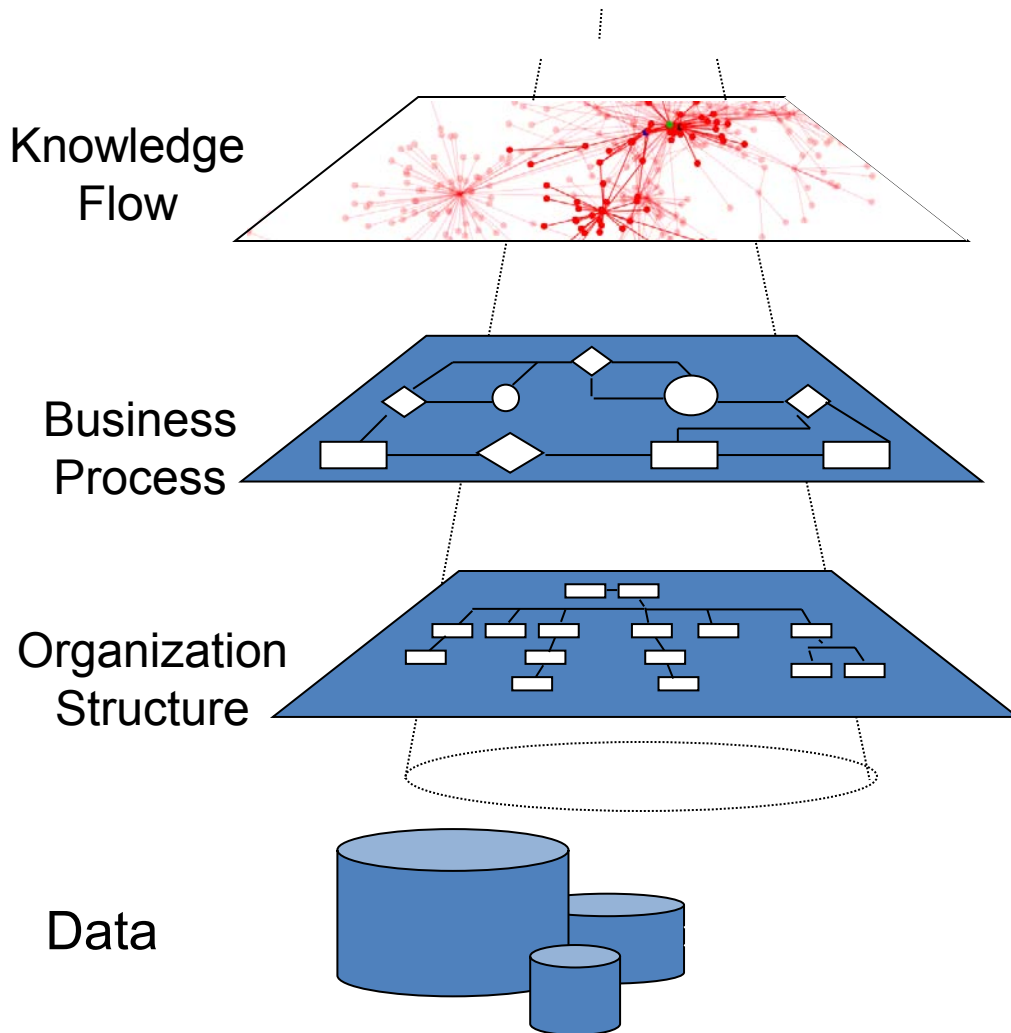
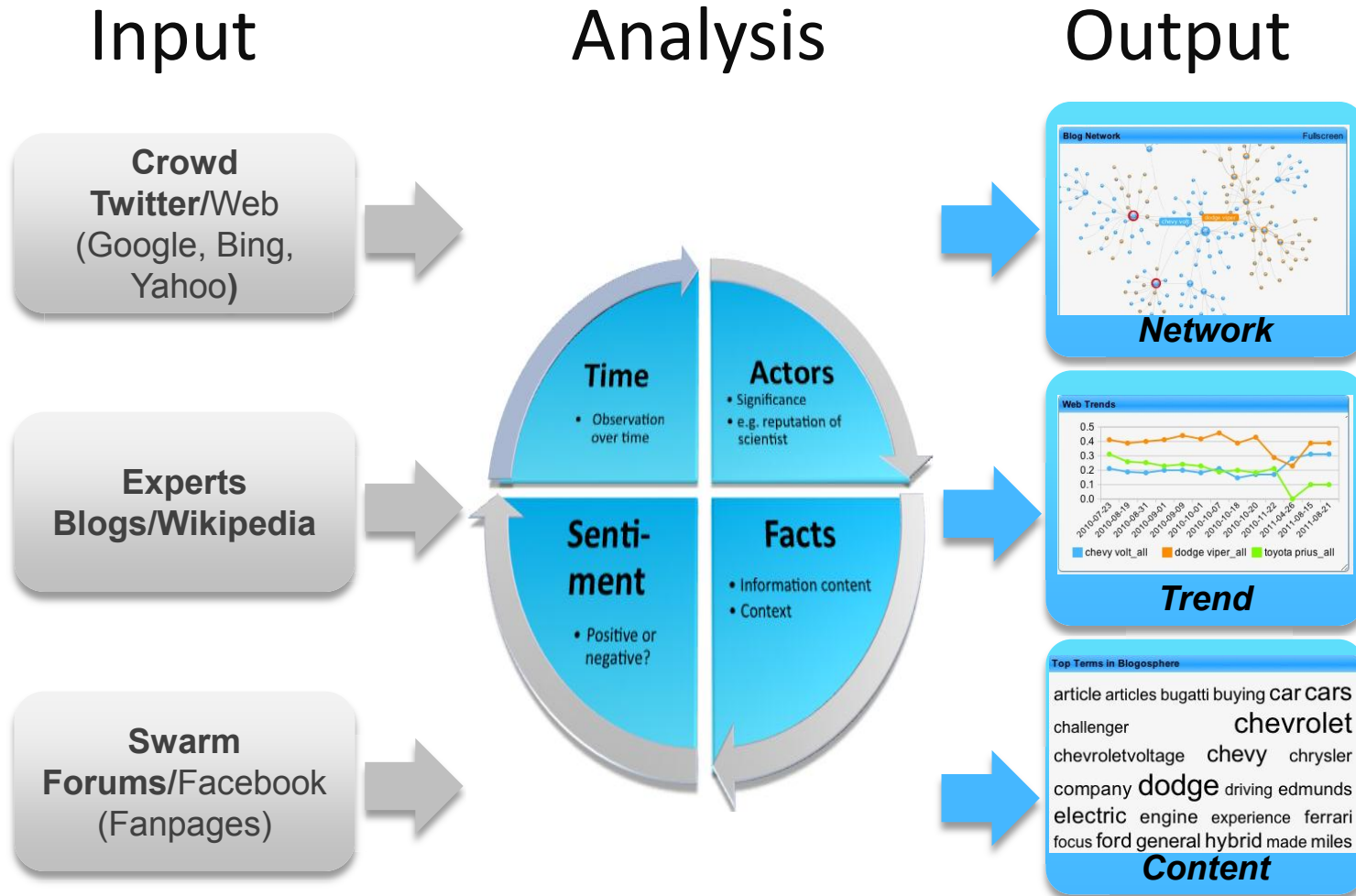


Image by MIT OpenCourseWare.

Coolhunting



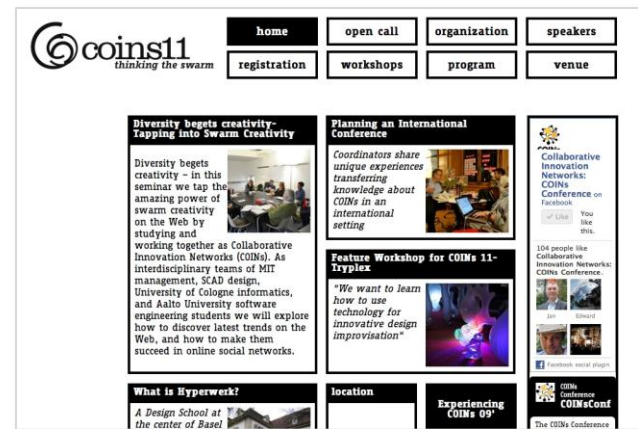
Coolhunting Process



Thank You

Tom Allen
Robin Athey
Melina Becker
Hans Brechbuhl
Gloria Busche
Scott Cooper
Marius Cramer
Marco DeMaggio
Pierre Dorsaz
Lyric Doshi
Scott Dynes
Marc Egger
Eric Esser
Kai Fischbach
Hauke Führes
Julia Gluesing
Francesca Grippa
George Herman
Takashi Iba
Bill Ives
Eric Johnson
Adriaan Jooste
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Min-Hyung Kang
Yared Kidane
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Fillia Makedon
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Yan Zhao



<http://www.ickn.org>
<http://www.swarmcreativity.net>
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Fall 2011

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