

BLUESKY PARTICIPANTS

Ben Adams (Computer Science)

Monica Bulger (Education, Workshop Organizer)

Pablo Colapinto (Media Arts and Technology, Bluesky Coordinator)

Camilla Fiorese (Computer Science)

Darren Hardy (Bren School of Environmental Science & Management)

Daniel Havey (Computer Science)

Rama Hoetzlein (Media Art & Technology)

Katrina Kimport (Sociology)

Alan Liu (English Faculty, Bluesky Lead)

John O'Donovan (Computer Science)





D-10



D-10-1-G



D-110-1-G



D-110-5-G



D-170-2



D-170-5-D

1 VOIE

D-200-P



D-210



D-210-1



D-210-2-G



D-210-2-D



D-90-1



D-110-3-D



D-170-1



D-170-5-G



D-200



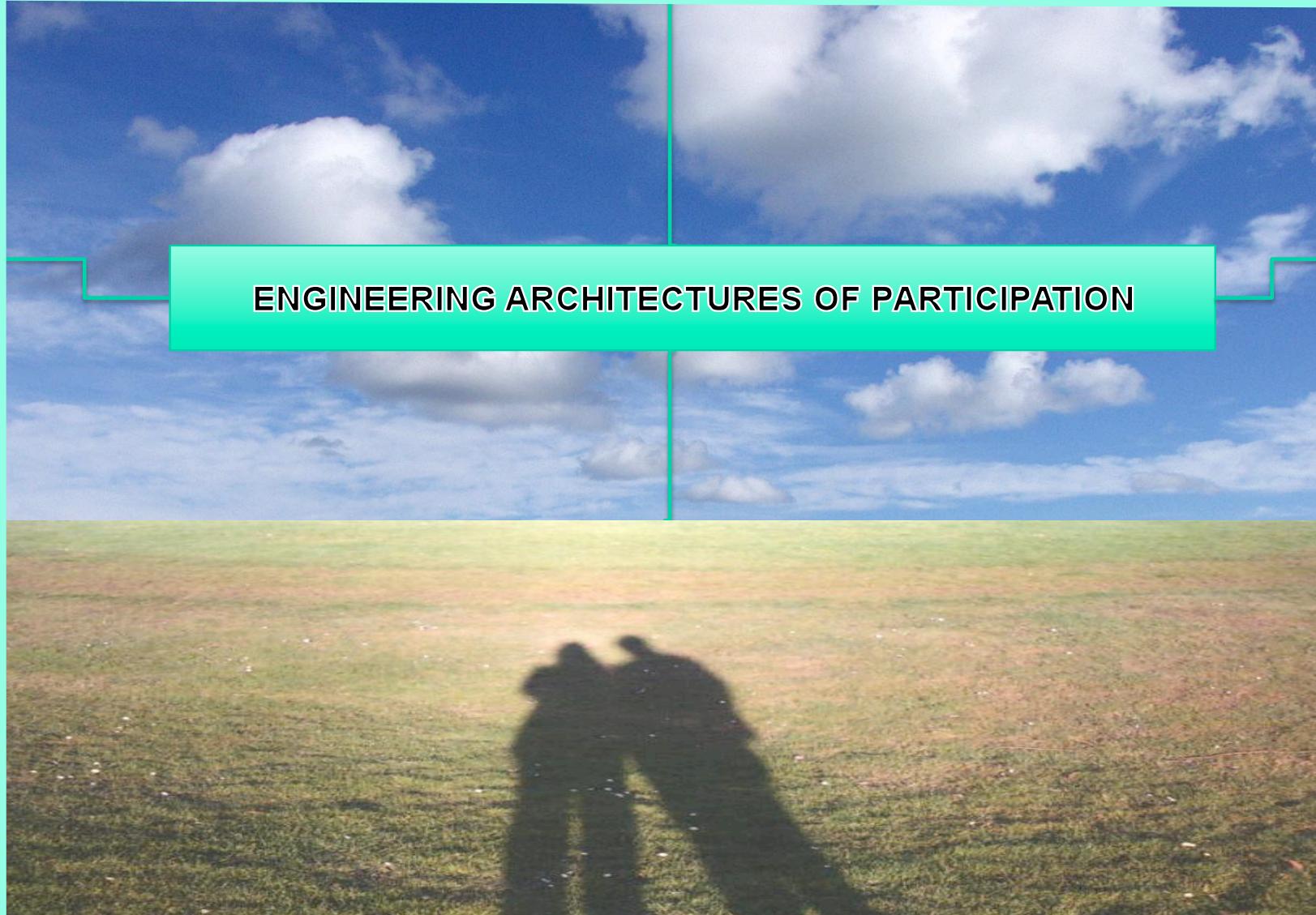
D-230-1

The Search

How Google and Its Rivals
Rewrote the Rules of Business
and Transformed Our Culture

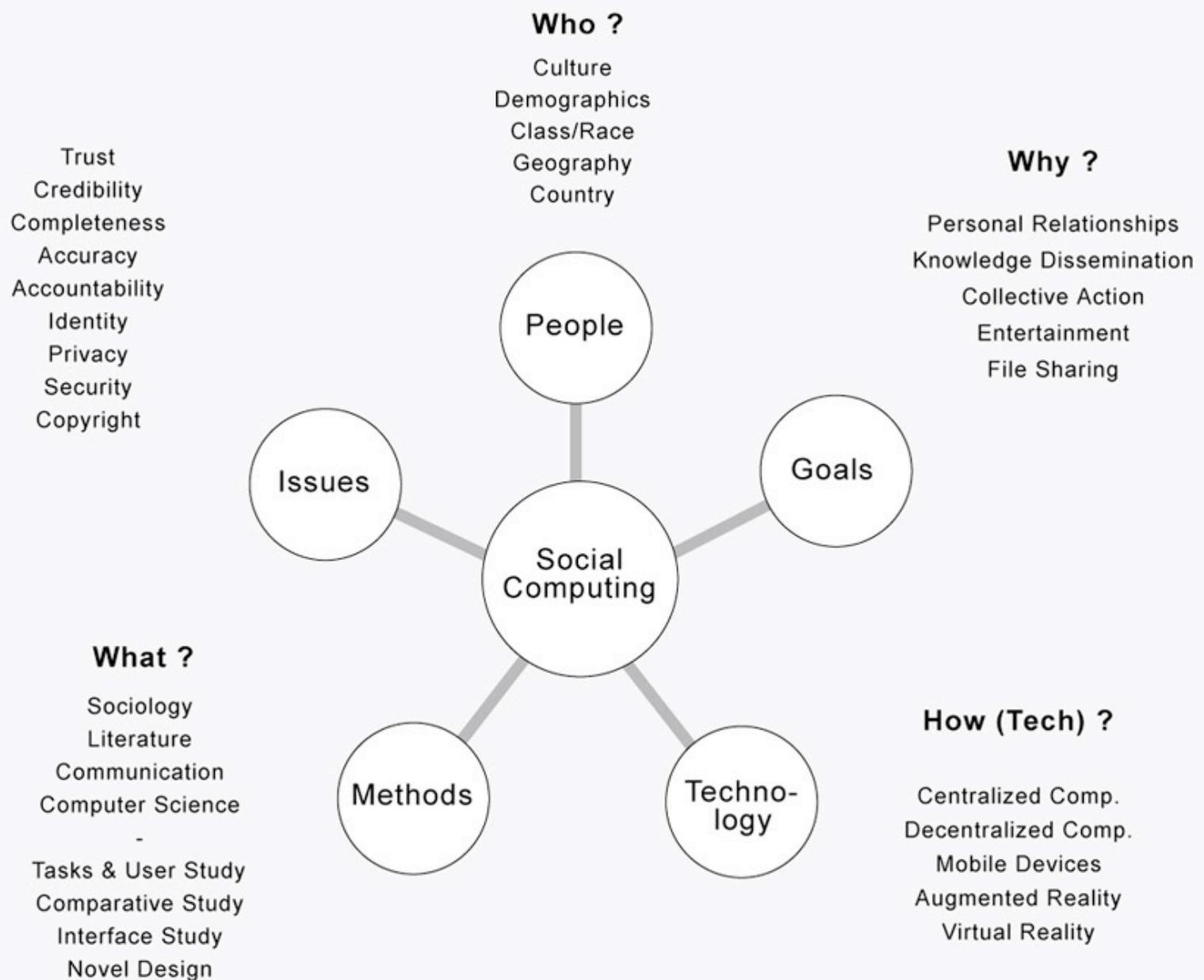
John Battelle

cofounding editor of *Wired* and founder of *The Industry Standard*



ENGINEERING ARCHITECTURES OF PARTICIPATION

← PEOPLE OBJECTIVES STRATEGIES TECHNOLOGIES →
(and issues)

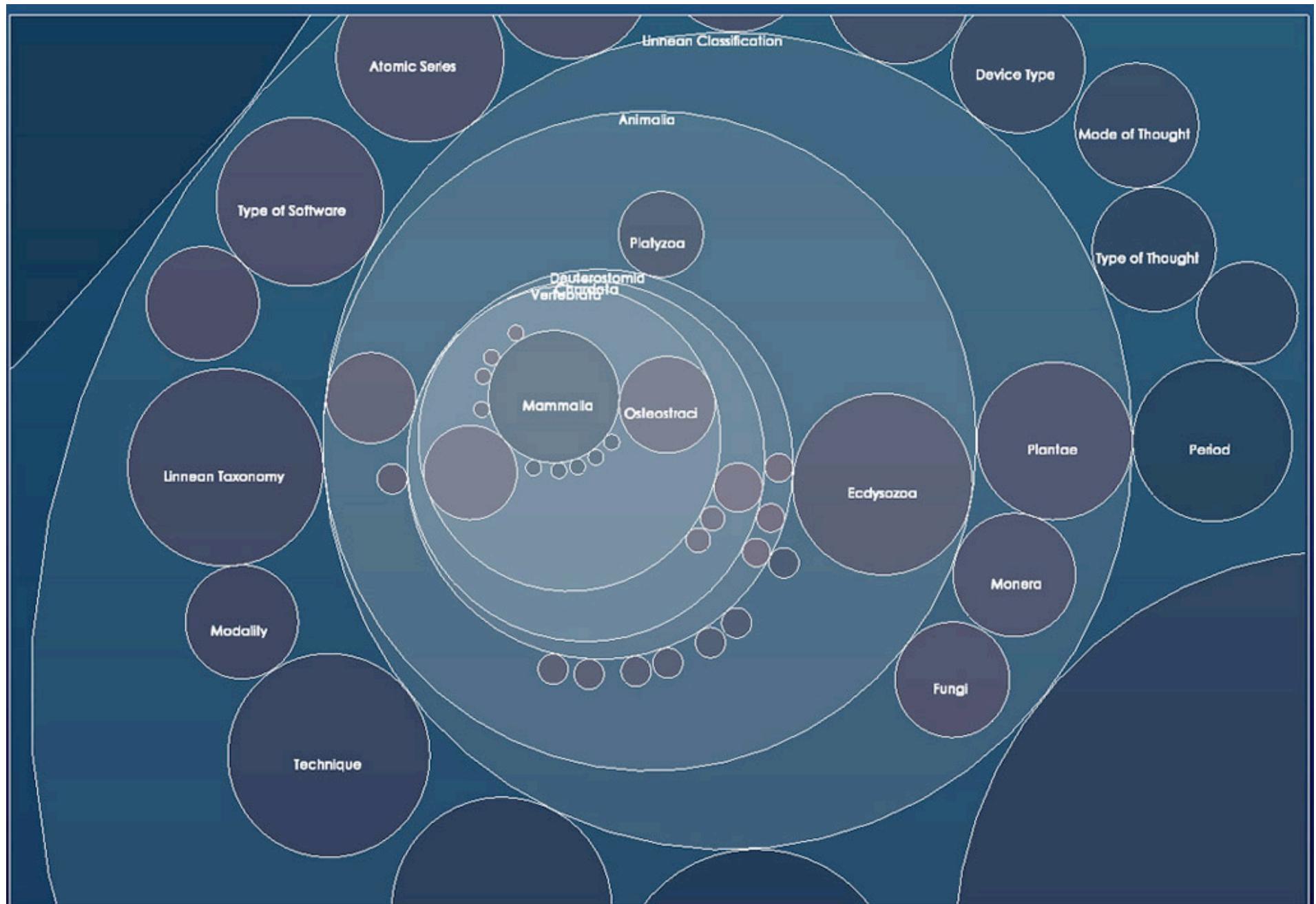


Rama C. Hoetzlein

Existing Goals and Technologies

Goals	Centralized computing (stored in-house)	Decentralized computing (sent out)	Mobile computing	Augmented reality	Virtual reality	Installations (physical spaces)
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Personal Organization / Assistants	pbWiki, Mapquest		Navigadget	GPS maps, Car displays		
Computing		Seti @ home Fold @ home			Social Evolution	

Rama C. Hoetzlein



<http://www.rchoetzelin.com/quanta>

QUANTA

Physical Entity

Natural Entity

Organic Entity

Organism

Person

Robert Breer

George Rhoads

Abram Connally

Abe> hello

Rama> hi, have you seen
these new motors?

Abe> yeah, but I don't think the
torque range fits our project.

online (•) Agnes Denes *research network*



Naim June Paik



Karlheinz Stockhausen



Arnold Schoenberg



John Cage



Franz Kafka



Jean Genet



Jannis Kounellis

online (•) Laurent Mignonneau *research network*



James Seawright



Henri Van Herwegen



online (•) Dale Copeland



Rebecca Horn



Lewis Alquist



Donald Lipski



online (•) Mineko Grimmer



Andrew Ginzel



Bryan Rogers



Robert Mark Packer

motor

is a simple machine

Qualities



Members



stepper motor



stator

brush housing

commutator

copper wire

gear

gearbox

motor housing

permanent magnet

motor brush

EXTENDING, TEACHING, DISTRIBUTING,



INVOLVING, COMMENTING, JOURNALING,

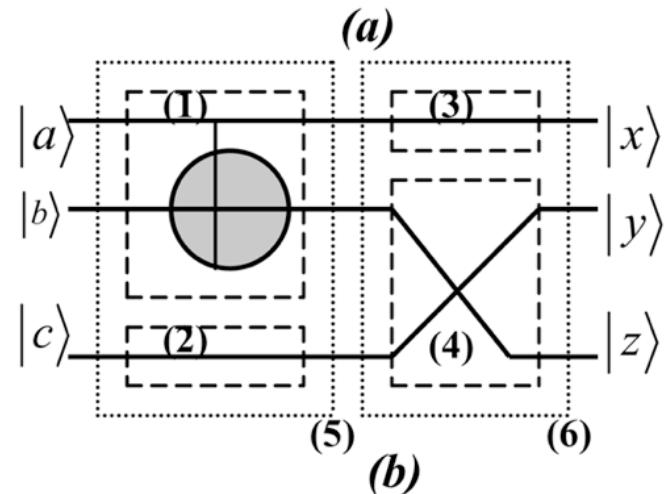
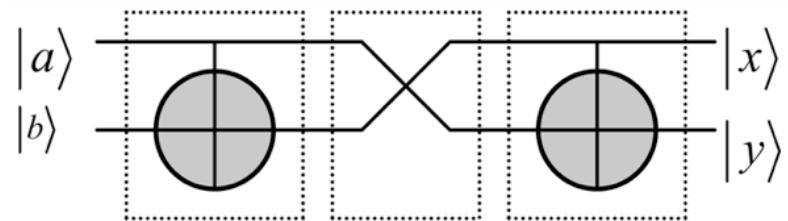


MEASURING, PREDICTING, CONSPIRING,

TRUST METRICS



QUANTUM COMPUTING



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MEASURING, PREDICTING, CONSPIRING,

BY NADYA LABI

Jihad 2.0

On May 11, 2004, a link to a five-and-a-half-minute video appeared on the Web site Muntada al-Ansar al-Islami, or the Forum of the Islamic Supporters. Announced with the words SHEIKH ABU MUSAB AL-ZARQAWI SLAUGHTERS AN AMERICAN INFIDEL, the video

ARTICLE TOOLS
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TECHNOLOGY CULTURE
CURRENT EVENTS POLLS
FOREIGN POLICY FOOD
LEAD THE CONVERSATION
SUBSCRIBE TO
THE Atlantic

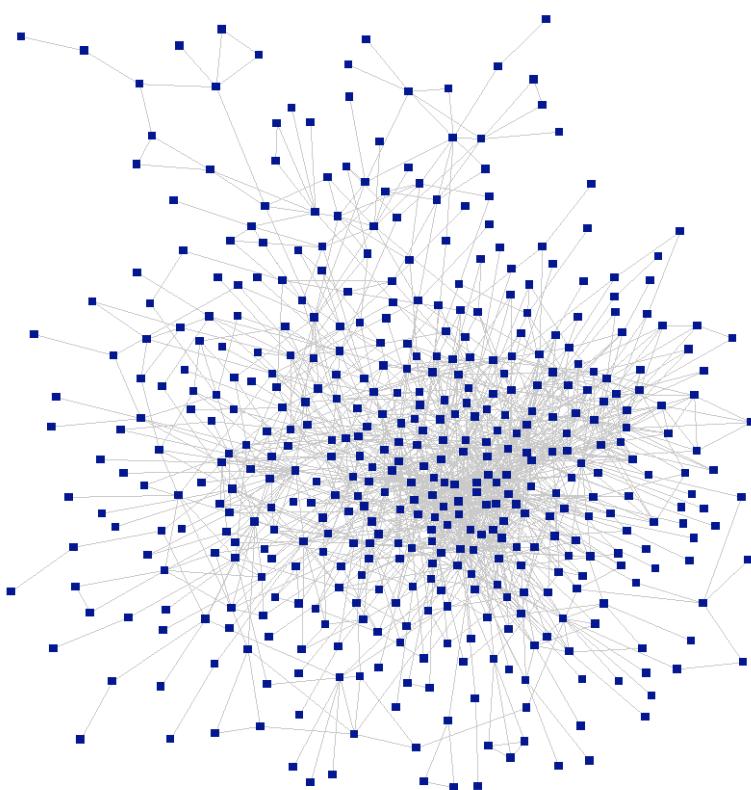


ORGANIZING, REWARDING, POLICING,



Installation by Santiago Sierra, “Workers Who Cannot Be Paid, Renumeralated To Remain Inside Cardboard Boxes” 2000.

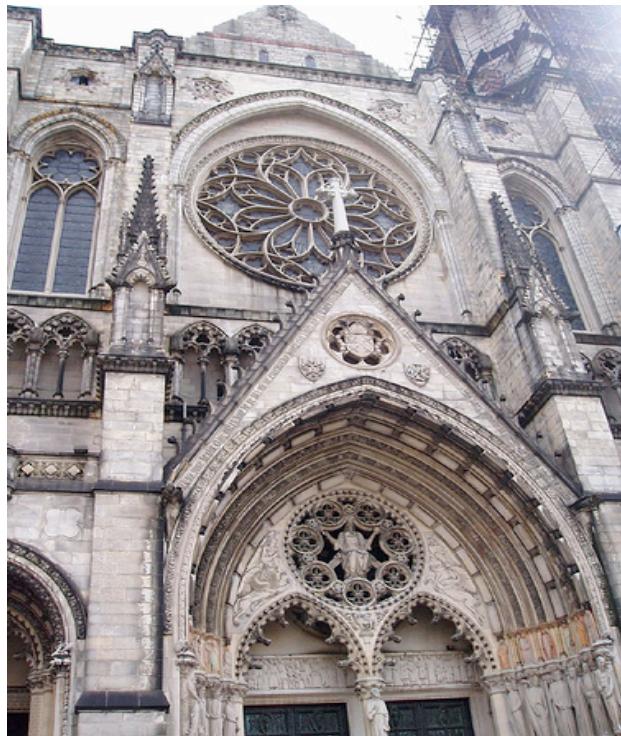
VISUALIZING, ABSTRACTING,



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FANTASIZING, NARRATING

NEW YORK CITY



LIBERTY CITY



Images Courtesy of Matthew Johnson Flickr Set - Creative Commons License

FANTASIZING, NARRATING

NEW YORK CITY



LIBERTY CITY



Images Courtesy of Matthew Johnson Flickr Set - Creative Commons License

FANTASIZING, NARRATING

NEW YORK CITY

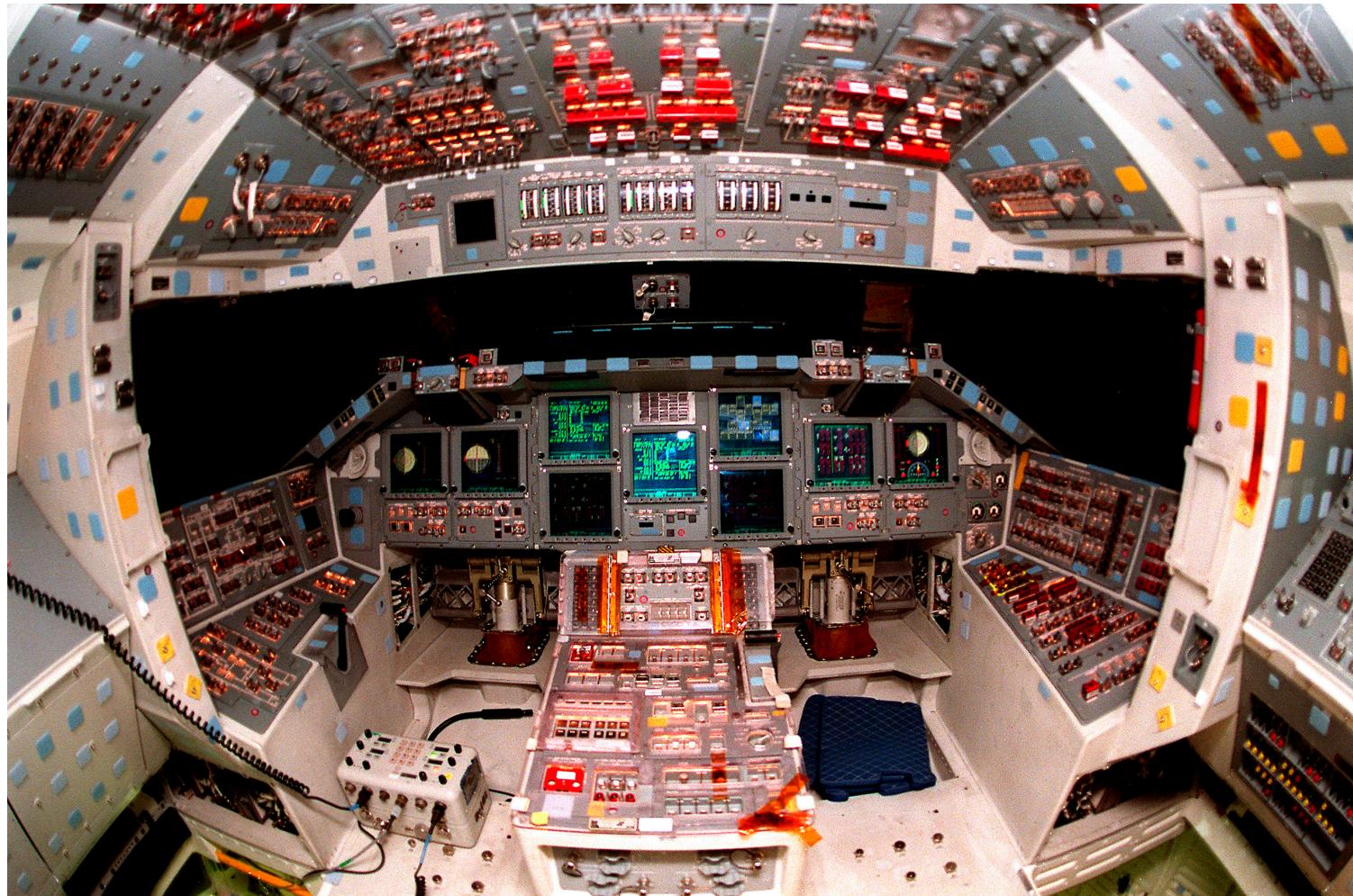


LIBERTY CITY

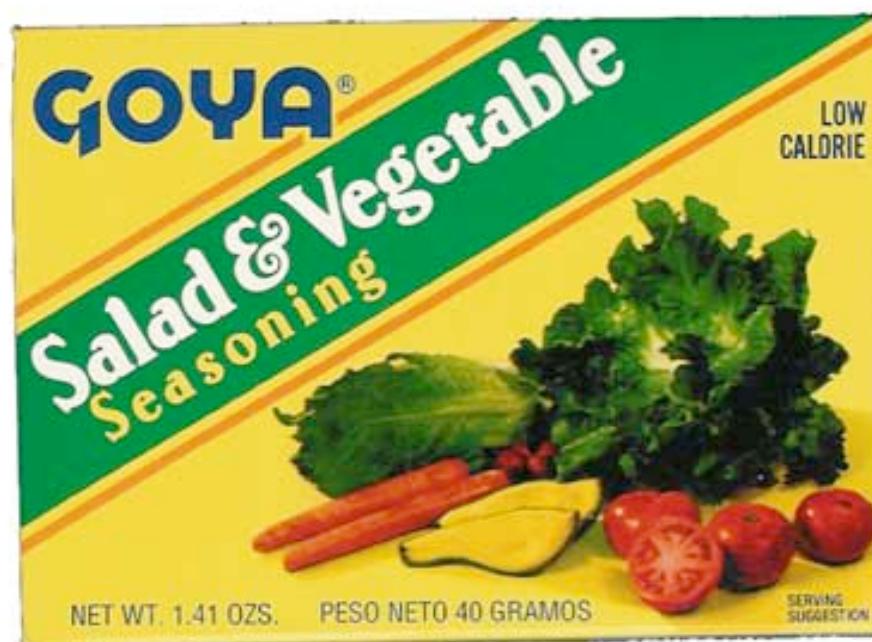


Images Courtesy of Matthew Johnson Flickr Set - Creative Commons License

HIGH RISK SOCIAL COMPUTING



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DIS-PLAY

An Information Free-For-All

Current ID: J. Haskell

Friends / Aliases

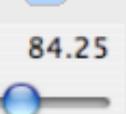


YOU ARE ME

CLICK ON SOMEONE TO ASSUME THEIR IDENTITY!

LIVE!

MANAGEMENT SETTINGS



Degree of Automation

84.25

INCOMING INFO

Computers and the Internet
[The Guessing Game Has Begun on the Next iPhone](#)

JOHN MARKOFF 1 day ago
Apple faces a new challenge as it prepares to introduce an updated version of the phone next month.
2 posts in last 2 hours, 7 total.

United States Armed and Defense
[I Knew It All Along](#)

The Editors 10 hours ago
For all of its self serving, Scott McClellan's book serves one good purpose: it is a reminder that we still don't know how far President Bush waded in a "culture of deception."
2 posts in last 2 hours, 4 total.

Grain of Salt

53.87

OUTGOING INFO

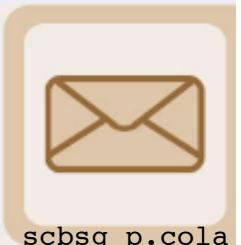
What are you doing?

update

Level of Control

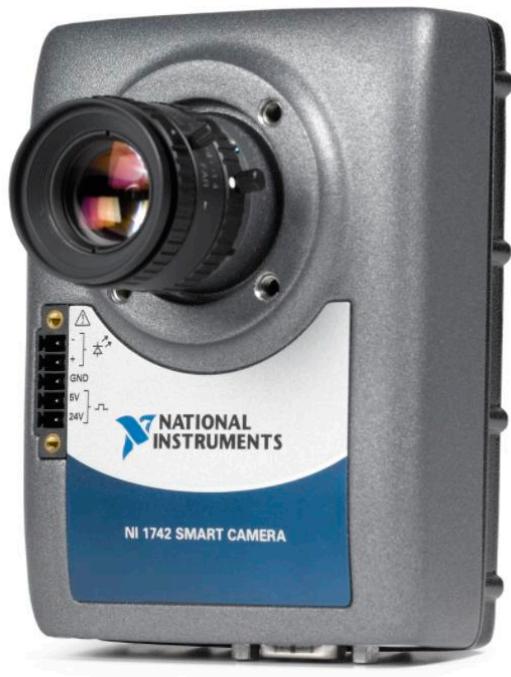
5 Messages:

4 Half-Truths
1 Lie



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SMART CAMERAS



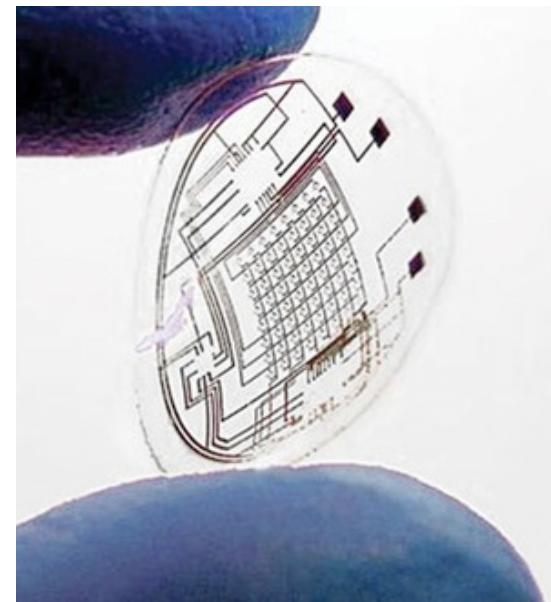
WIRELESS CAMERAS



QR CODES

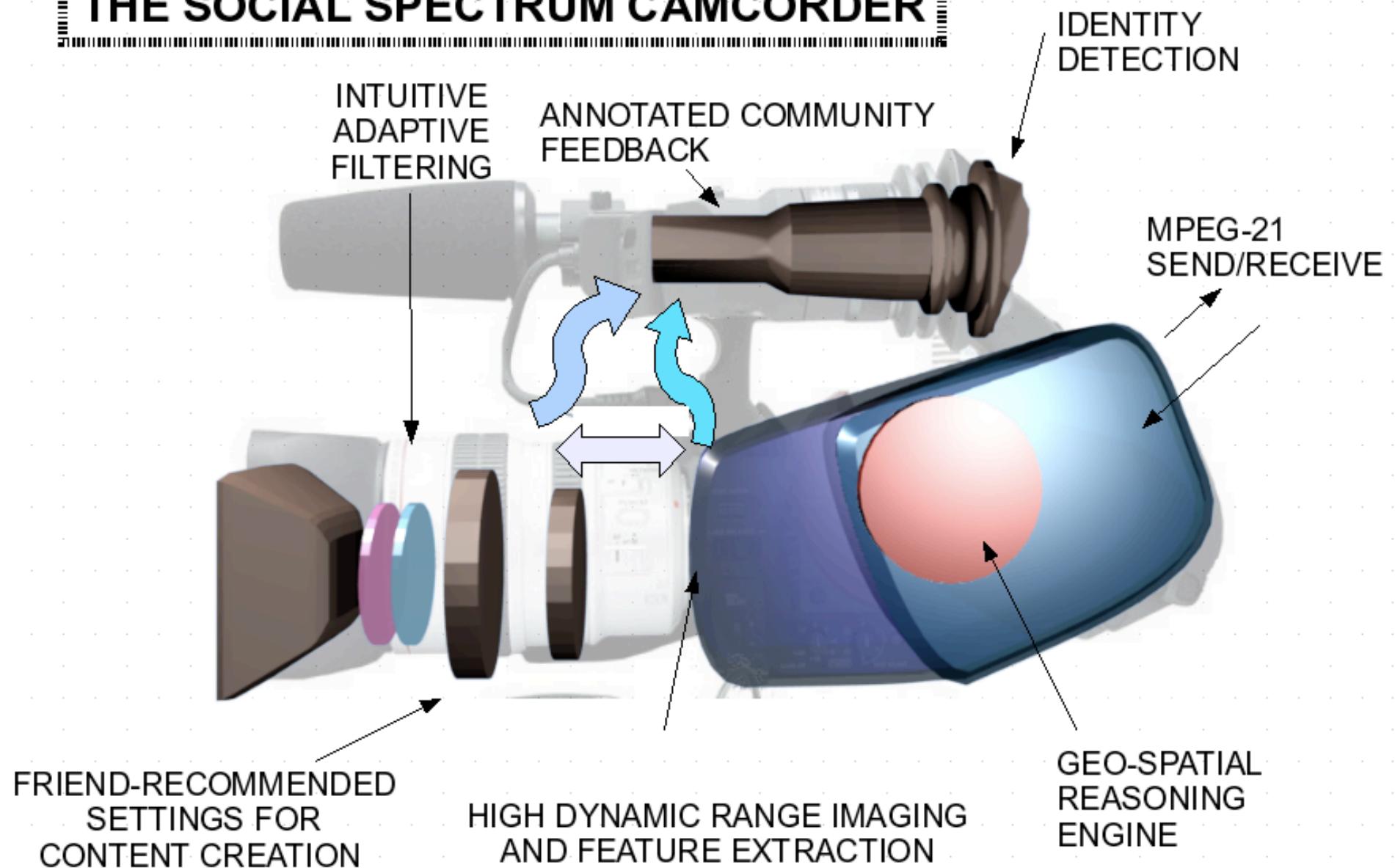


VISION SYSTEMS



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THE SOCIAL SPECTRUM CAMCORDER

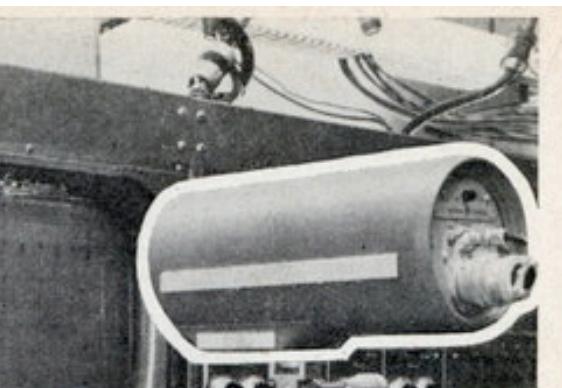




'Seeing Things' with Electrocular

YOU can look two ways at once with this 30-oz. electro-optical viewing device. The Electrocular uses a miniature cathode ray tube 7 in. long, a deflecting mirror, a focusing lens, and a dichroic filter viewing eyepiece to present a TV-type image without distracting from the work in front of you.

The developer, Hughes Aircraft Co., Fullerton, Calif., says the unit will let a repairman work on the rear of a digital analog panel (Fig. 1) while closed-circuit TV camera (outlined) pipes the results to him from the screen in front. Or a pilot (Fig. 2) can see a TV picture of air traffic information and ground conditions while he's still in flight.



Above Left, from 1962 Science and Mechanics Magazine. Above Right metaverseroadmap.org
Below Right Photo: David Stuart; Retouching: Smalldog Imageworks

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Message from Mary S.

Here's an Interesting reference to
Charles Brockden Brown's fever.

P.S. Go six bookcases back . . .

Existing Goals and Technologies

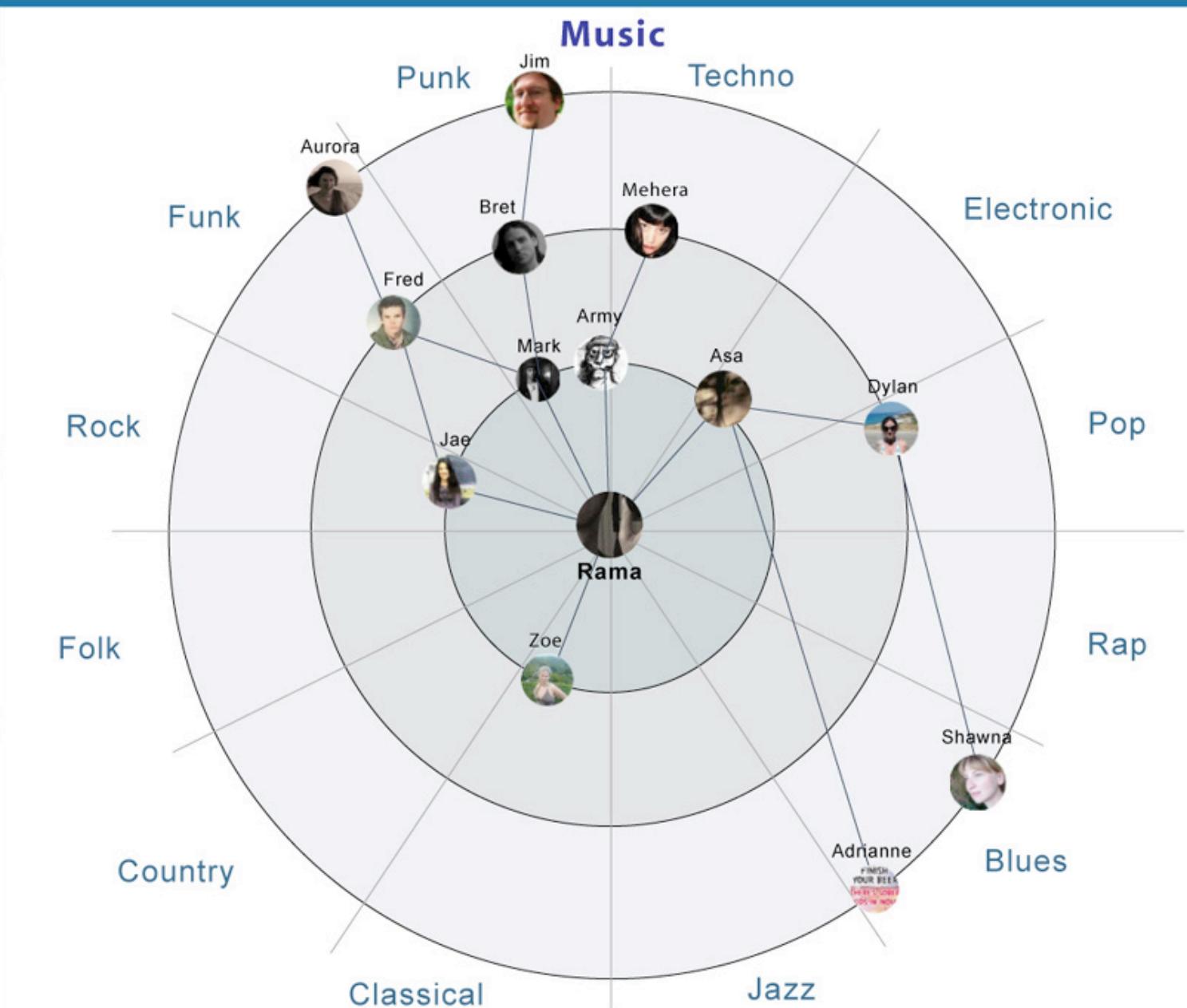
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Computing		Seti @ home Fold @ home			Social Evolution	

Rama C. Hoetzlein

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**Friends** ▾

- Army
- Mark
- Adrienne
- Mehera
- Zoe

Spaces ▾[Music](#) [Careers](#)[Art / Film](#) [Places](#)[Books](#) [Rec](#)**Groups** ▾[Research Groups](#)
UCSB Media Arts
Cornell Graphics[Friend Groups](#)
Ithaca, NY
Beijing, China[Recreation Groups](#)
Sailing

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[Friends](#) ▾

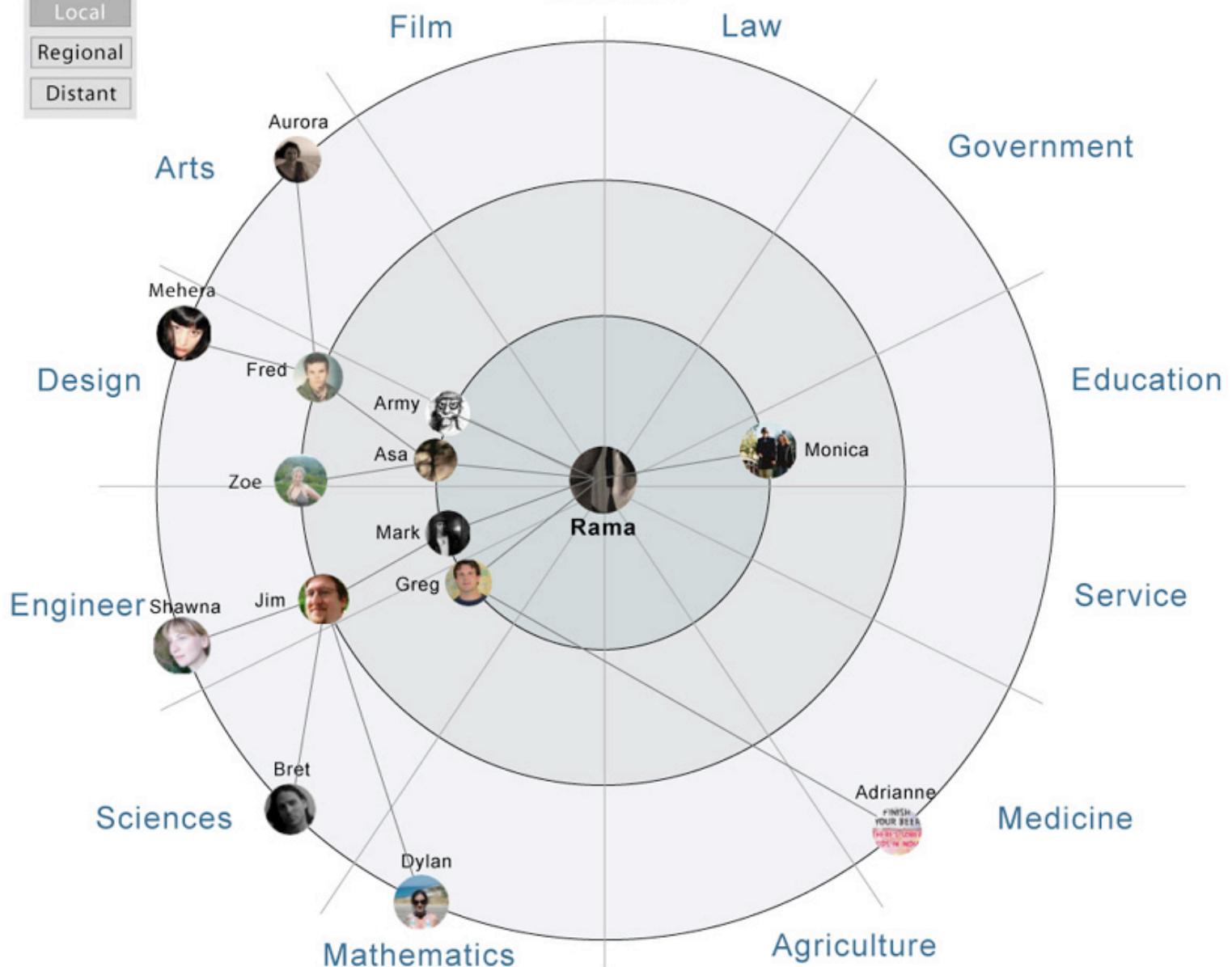
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Sailing

Social Computing Group

[Local](#)
[Regional](#)
[Distant](#)

Careers



Bluesky

University of California, Santa Barbara

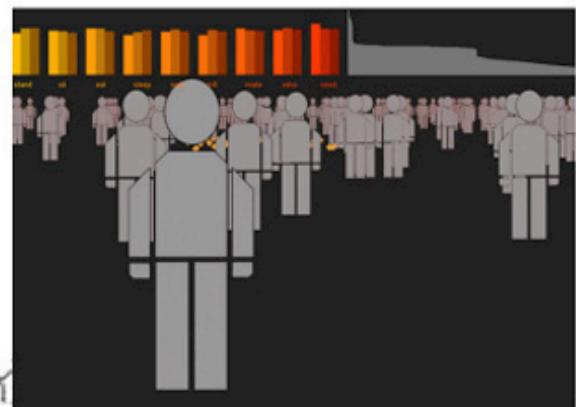
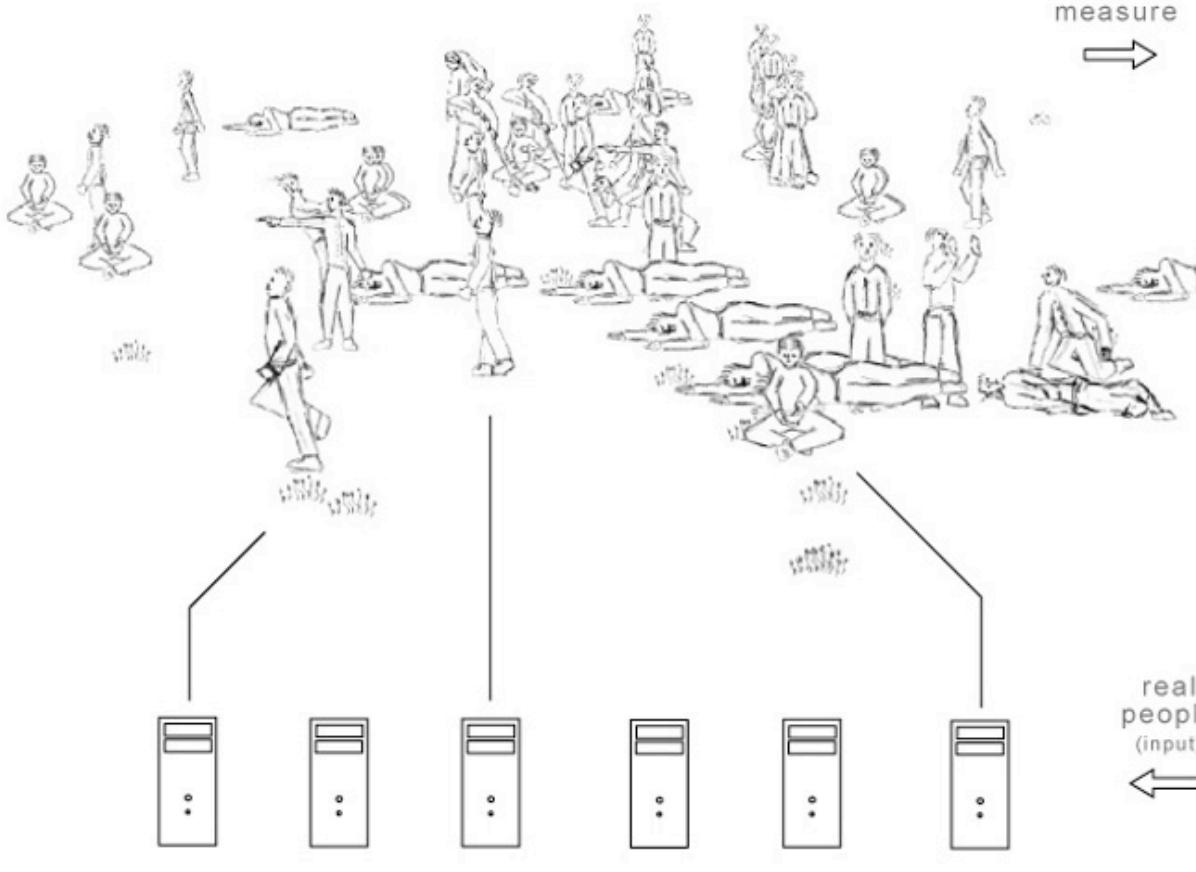
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Social Evolution

grid computing for social dynamic simulation



Output comparing
simulated social patterns
to real-life patterns.



- Each virtual individual simulated on the computer of a real person. (You@home)
- Real participants tune the complex behavior of their character, but the network simulates their character at many times the normal rate.

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chalk

social networking for kids



new york



tokyo



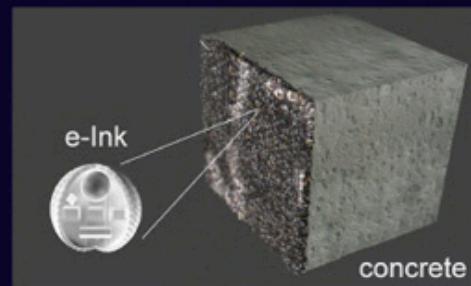
paris



los
angeles

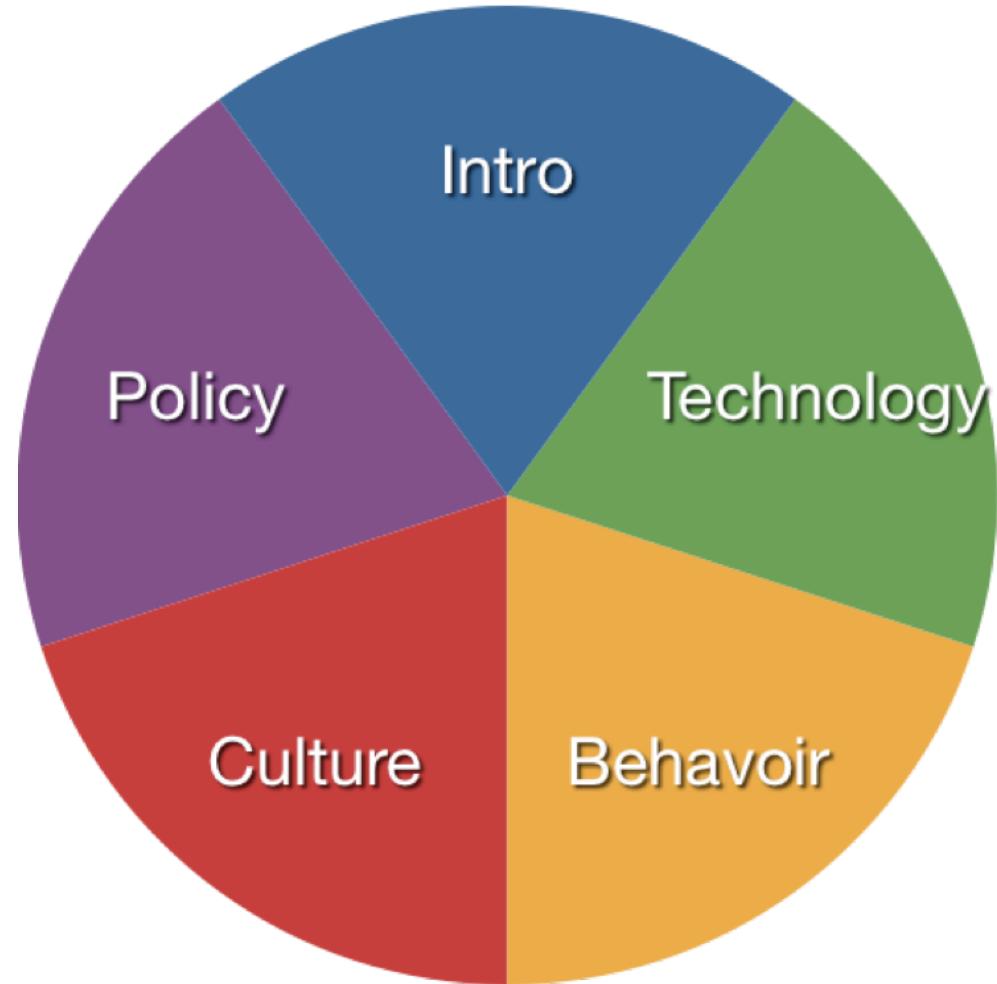
- Using e-ink embedded in concrete tiles.
- Children write on sidewalks, which appear on other sidewalks at other playgrounds throughout the world

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Social Computing 101

Syllabus for an
interdisciplinary
graduate course





Introduction

- Social computing: large-scale socially-aware information systems
- Interdisciplinary research across social sciences, engineering, and humanities
- Issues of technology and society



Technology

- Web and Web 2.0 architecture
- Social networking and media
- Collaborative filtering and tagging
- Collaborative knowledge



Behavior

- Social psychology and motivations
- Credibility and trust
- Social impacts and roles
- Commons problems, free-riding



Culture

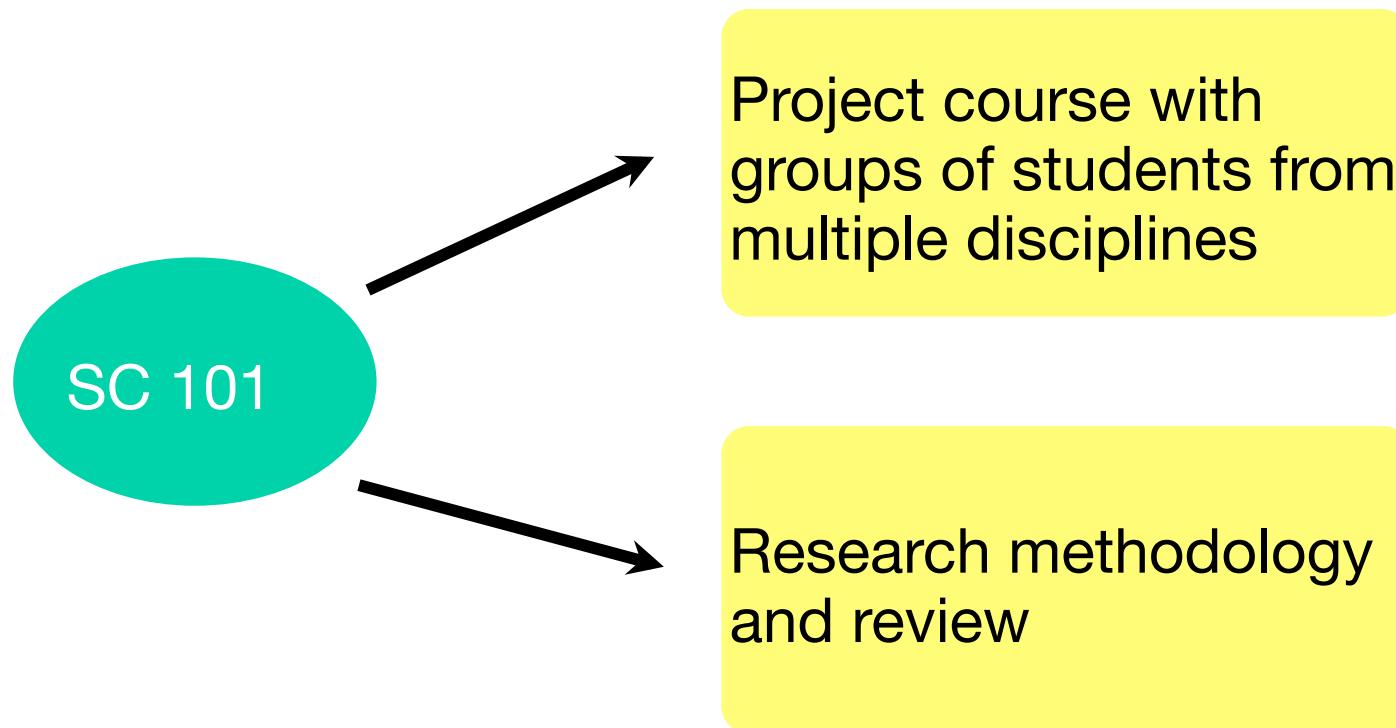
- Historical perspectives
- Virtual communities
- Social presence, avatars
- Globalization



Policy

- Privacy
- Privacy
- Privacy
- Intellectual property

Next



Questions and Discussion

