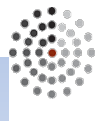
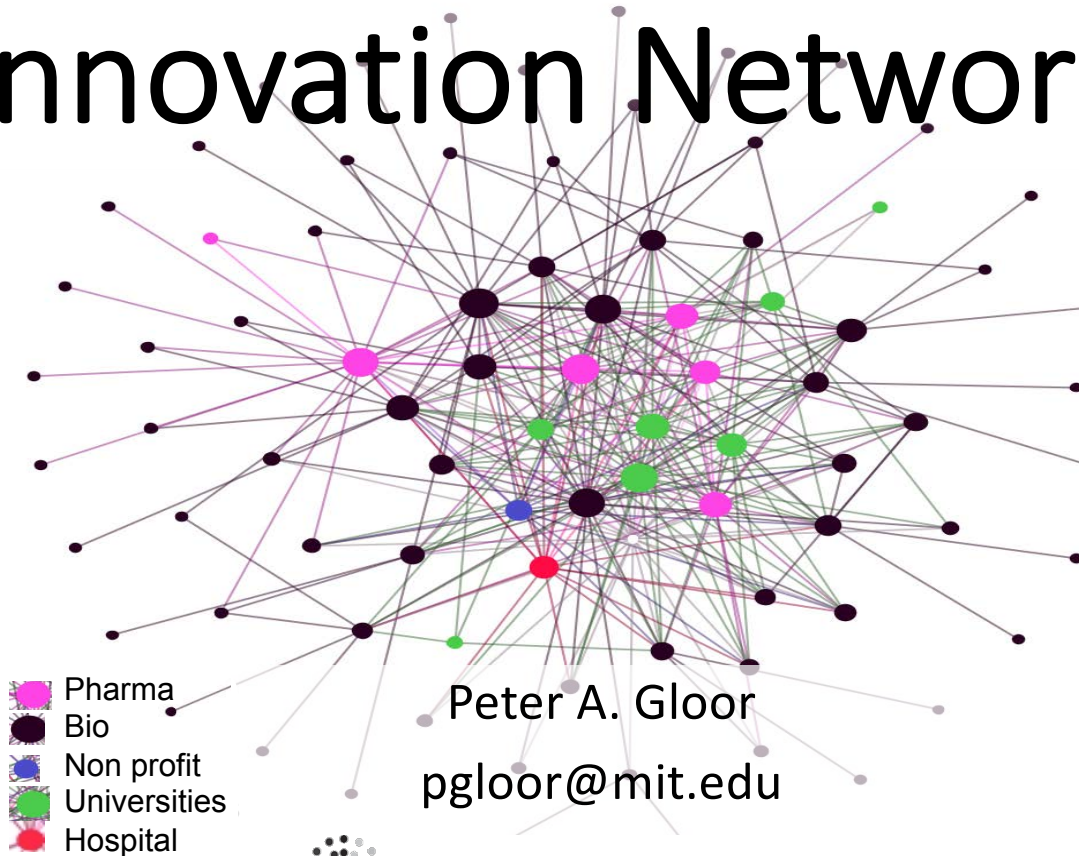


# Engaging Entangled Innovation Networks



**MIT** CENTER FOR  
COLLECTIVE  
INTELLIGENCE

TikTok  
@threwedkylose



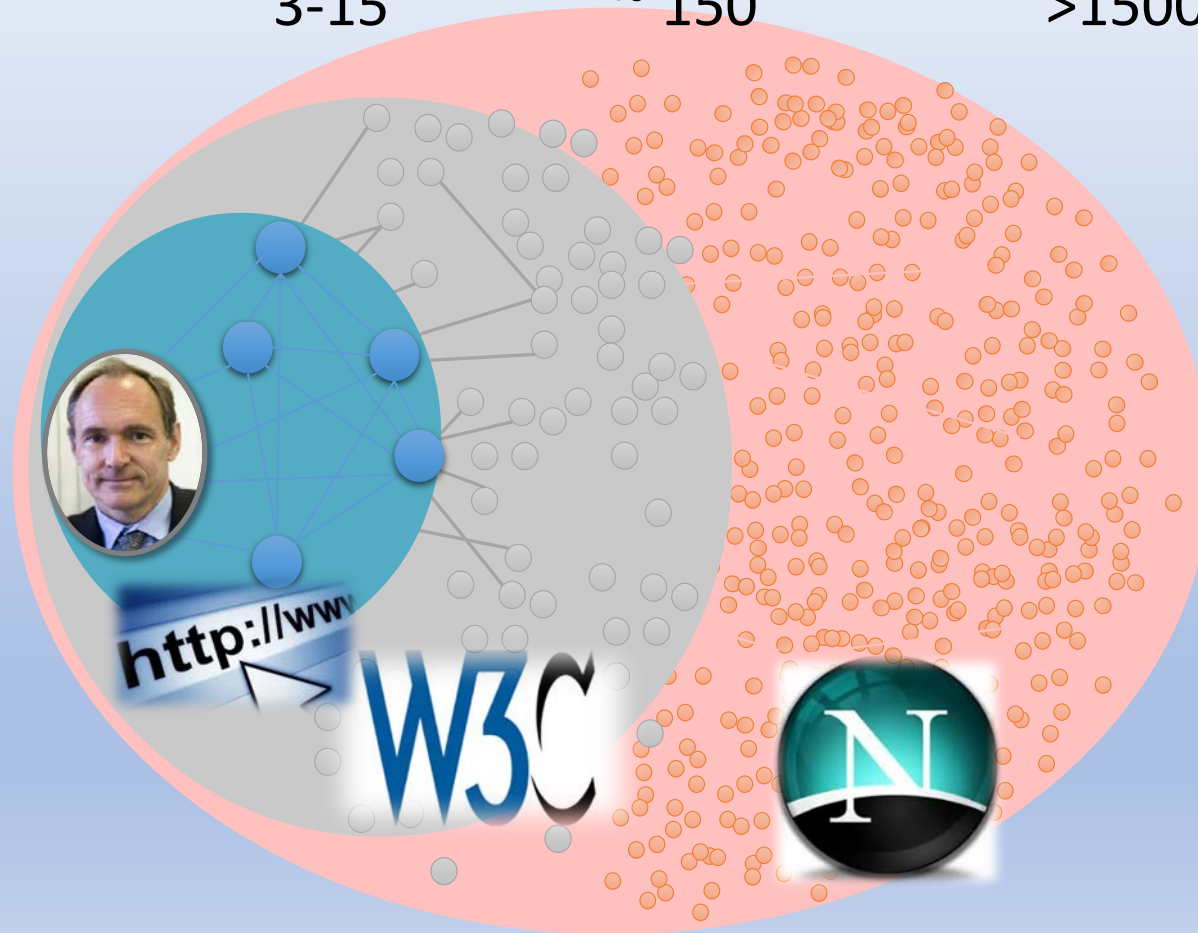
# Contents

1. Creating COINs at MIT
2. Entangling COINs
3. Measuring creative swarms
  1. Measuring networks
  2. Measuring emotions
  3. Measuring morals
  4. Measuring tribes
4. Virtual Mirroring to create entangled COINs

# Contents

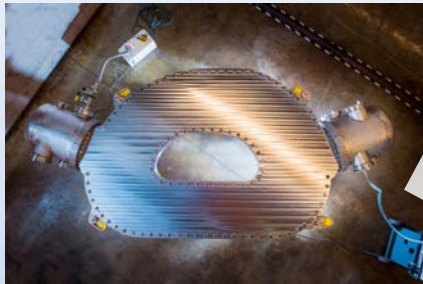
1. **Creating COINs ~~at~~with MIT**
2. Entangling COINs
3. Measuring creative swarms
  1. Measuring networks
  2. Measuring emotions
  3. Measuring morals
  4. Measuring tribes
4. Virtual Mirroring to create entangled COINs

creator	<b>COIN</b> Collaborative Innovation Network 3-15	<b>CLN</b> Collaborative Learning Network ~ 150	<b>CIN</b> Collaborative Interest Network >1500
---------	--	--	--





MIT-designed project achieves major advance toward fusion energy



for the first time, a large high-temperature superconducting magnet was ramped up to a field strength of 20 tesla... the world's first fusion power plant that can produce more power than it consumes... SPARC PoC 2025

Energy



THURS. 7/1/21 | 12 PM EDT  
VIRTUAL SEMINAR ON ZOOM  
BROUGHT TO YOU BY

**CELLULAR AGRICULTURE: CHALLENGES + OPPORTUNITIES TO REVOLUTIONIZE FOOD**

PRESENTED BY CELL AG @ MIT STUDENT GROUP

Cell Ag @ MIT  
MIT CBI  
Center for Biomedical Innovation

Food

Personalized Medicine

MIT News

**Engineers grow pancreatic "organoids" that mimic the real thing**

Studying these organoids could help researchers develop and test new treatments for pancreatic cancer, one of the deadliest types of cancer.

Anne Trafton | MIT News Office  
September 13, 2021

Metaverse

**MIT baseball coach uses sensors, motion capture technology to teach pitching**

Visualization software and hardware could offer new possibilities for coaching and sports training.

Watch Video

Amanda Stoll  
May 26, 2021

Muscle activity  
Right rotator cuff

Acceleration  
Right rotator cuff

Force  
Right ball of foot

Transportation

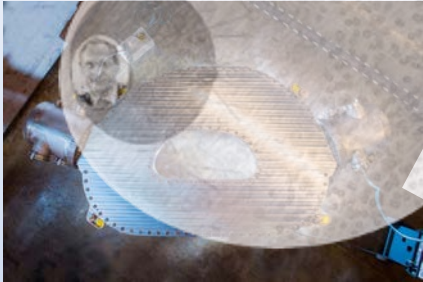
MIT Energy Initiative

**INSIGHTS INTO FUTURE MOBILITY**

A report from the Mobility of the Future study

MIT

## MIT-designed project achieves major advance toward fusion energy

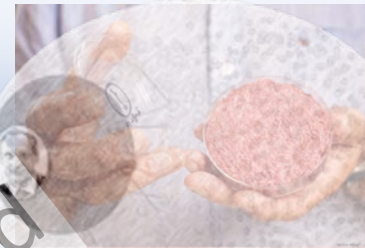


for the first time, a large high-temperature superconducting electromagnet was ramped up to a field strength of 20 tesla

the world's first tokamak power plant that can produce more power than it consumes

SPARC PoC 2025

Energy



THURS. 7/1/21 | 12 PM EDT  
VIRTUAL SALON | 900 ZOOM  
REGISTER TO VIEW BY

**CELLULAR AGRICULTURE: CHALLENGES + OPPORTUNITIES TO REVOLUTIONIZE FOOD**

PRESENTED BY CELL AG @ MIT STUDENT GROUP

Cell Ag @ MIT

MIT CBI  
Center for Biomedical Innovation

Food

## Personalized Medicine

MIT News

Engineers grow pancreatic "organoids" that mimic the real thing

Studying these organoids could help researchers develop and test new treatments for pancreatic cancer, one of the deadliest types of cancer.

Allyssa Trachten, MIT News Office  
September 13, 2021

MIT baseball coach uses sensors, motion capture technology to teach pitching

Visualization software and hardware could offer new possibilities for coaching and sports training.

Watch Video

Amanda Smith  
May 26, 2021

Muscle activity  
Right rotator cuff

Acceleration  
Right rotator cuff

Force  
Right ball of foot

Metaverse

## Transportation

MIT Energy Initiative

**INSIGHTS INTO FUTURE MOBILITY**

A report from the Mobility of the Future study

MIT



# Contents

1. Creating COINs at MIT

**2. Entangling COINs**

3. Measuring creative swarms

1. Measuring networks

2. Measuring emotions

3. Measuring morals

4. Measuring tribes

4. Virtual Mirroring to create entangled COINs

# Creating Groupflow - Entanglement



# Entanglement is Mirroring

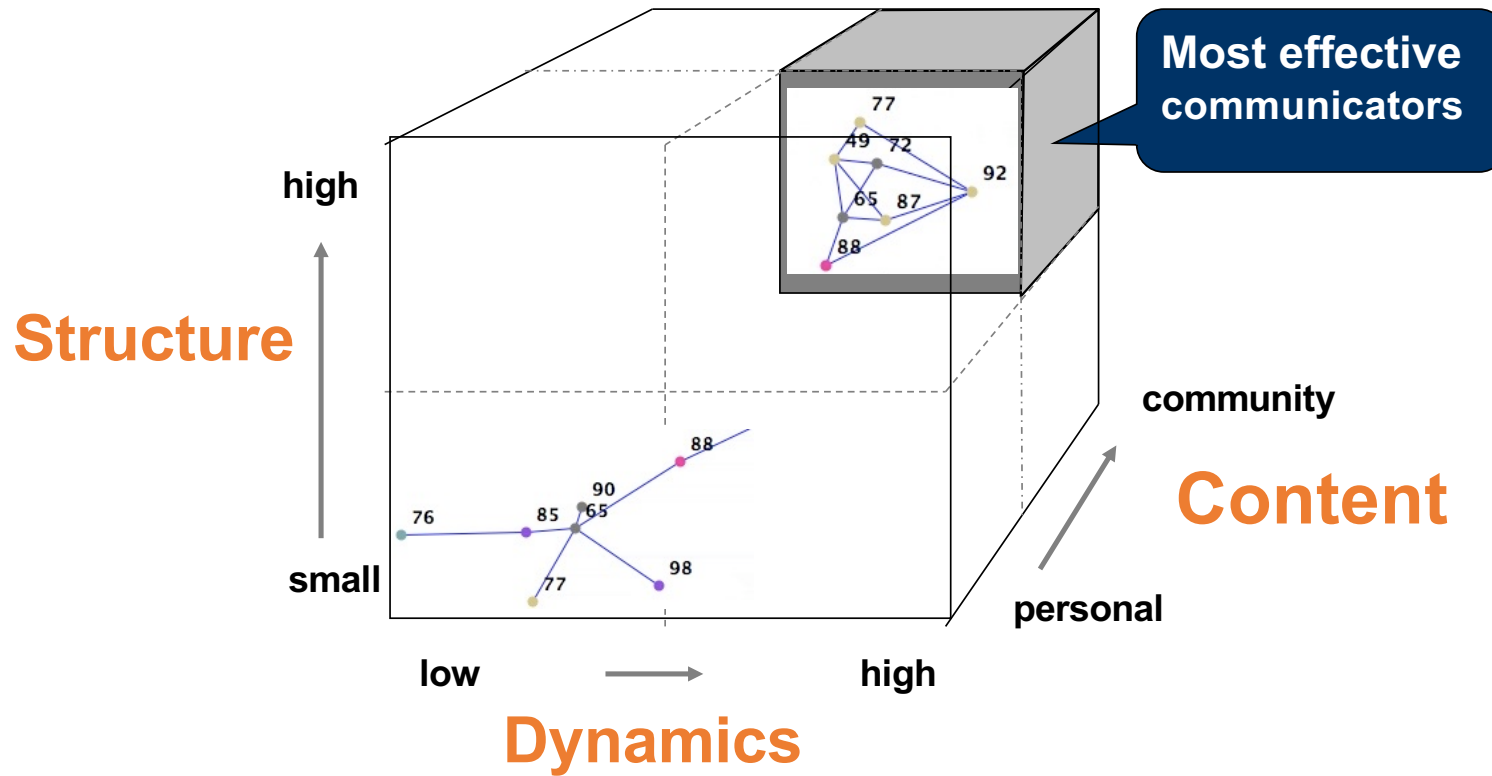


# Contents

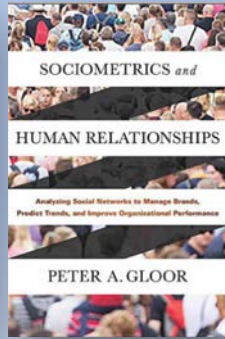
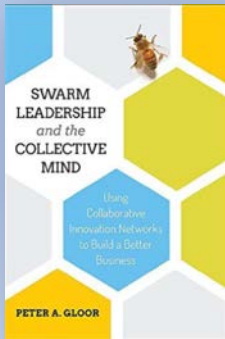
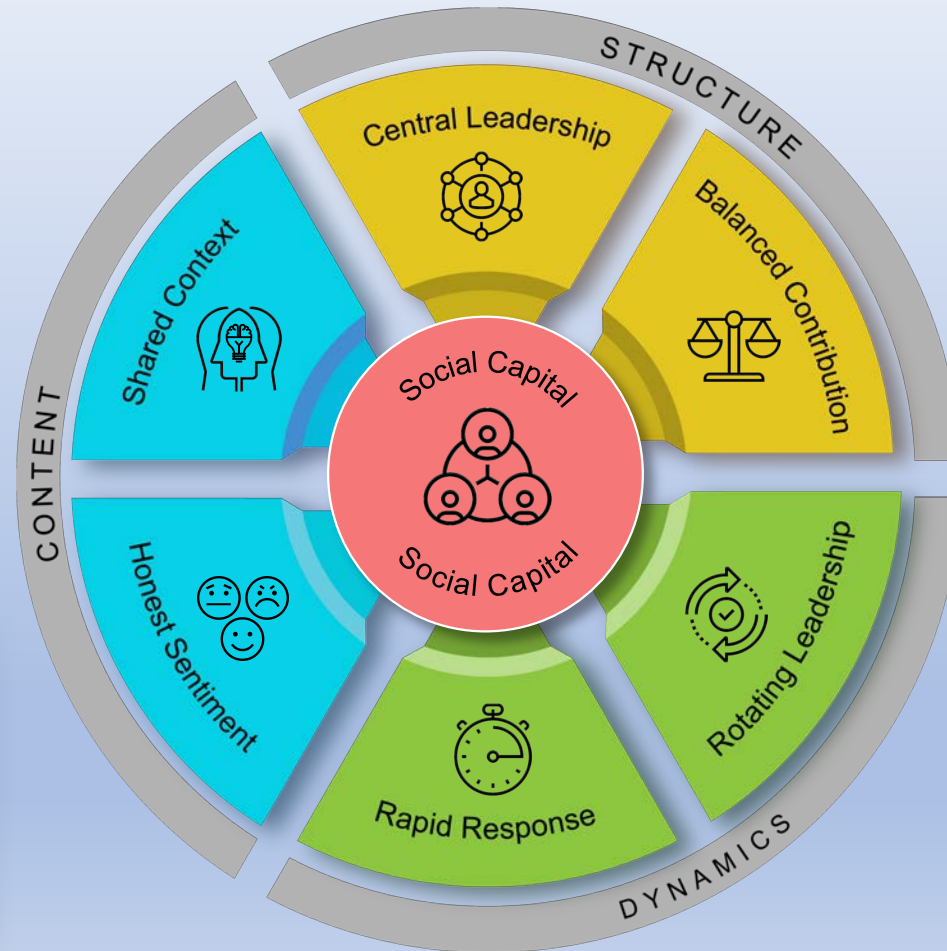
1. Creating COINs at MIT
2. Entangling COINs
- 3. Measuring creative swarms**
  - 1. Measuring networks**
  2. Measuring emotions
  3. Measuring morals
  4. Measuring tribes
4. Virtual Mirroring to create entangled COINs

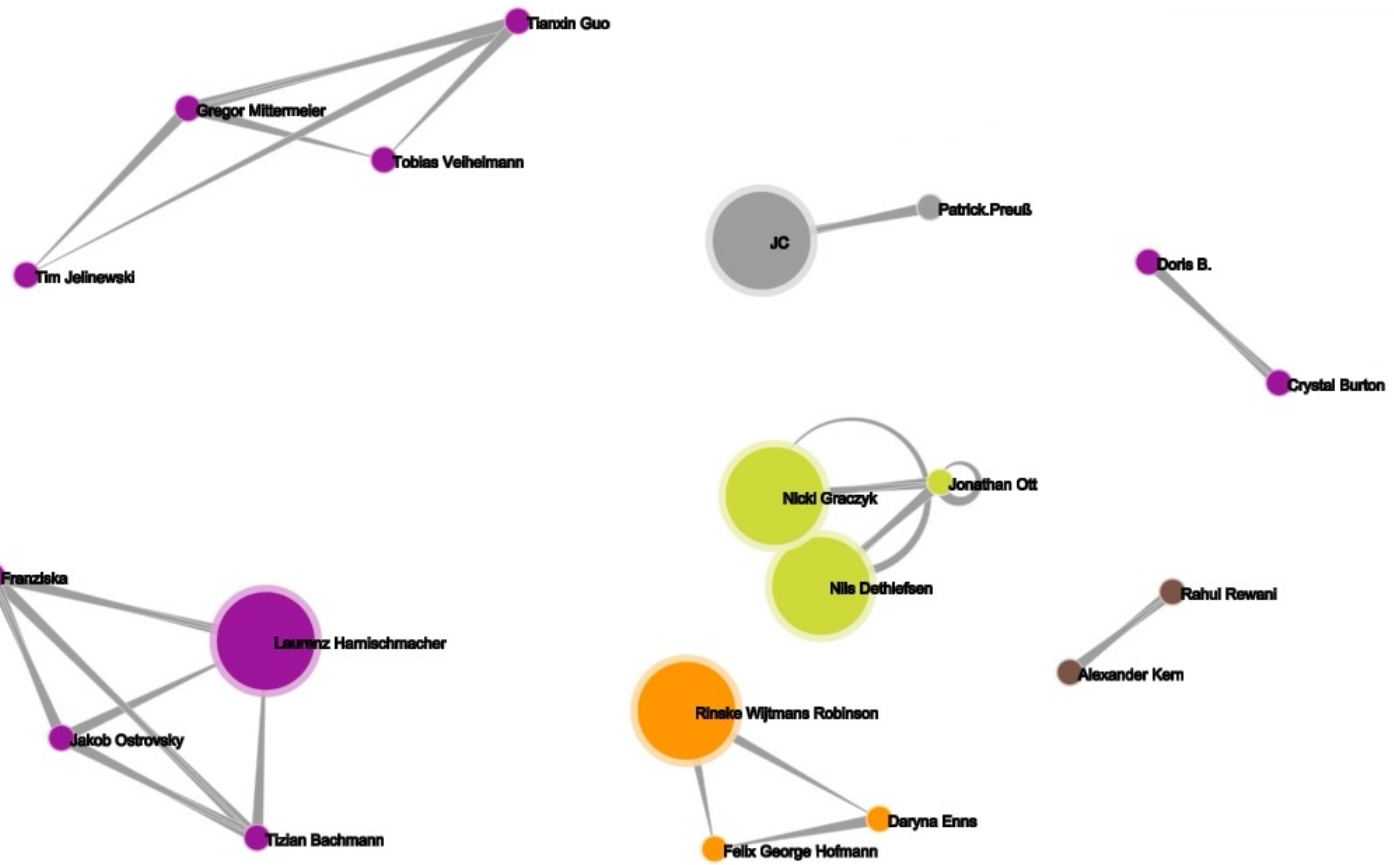


# People for Innovation



# 7 Honest Signals of Collaboration



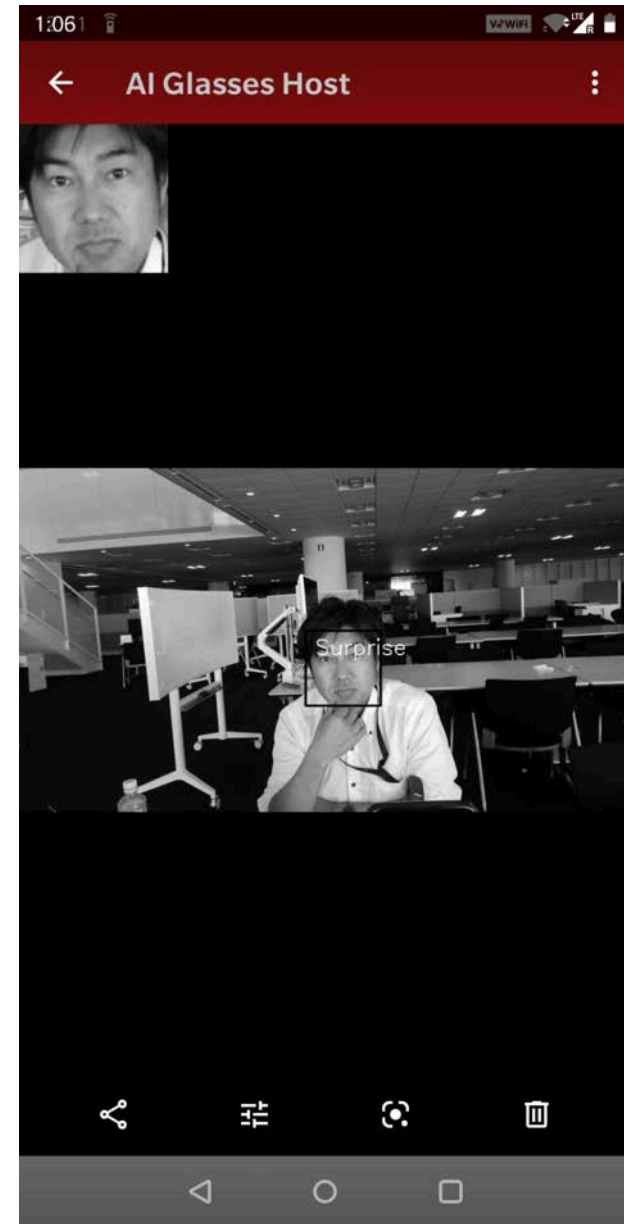




# Contents

1. Creating COINs at MIT
2. Entangling COINs
- 3. Measuring creative swarms**
  1. Measuring networks
  - 2. Measuring emotions**
  3. Measuring morals
  4. Measuring tribes
4. Virtual Mirroring to create entangled COINs

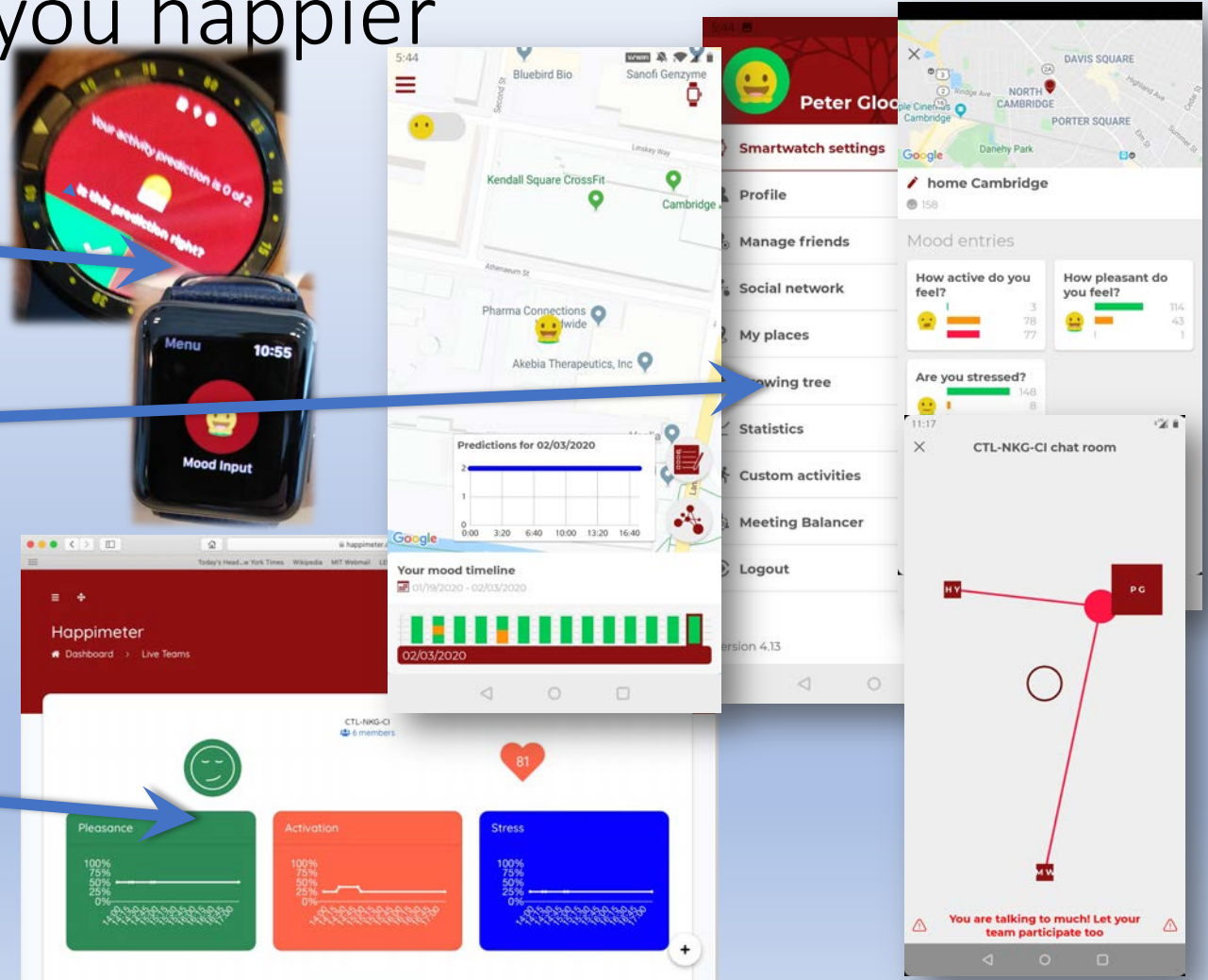
# Facial Emotion Recognition with Vuzix Smartglasses



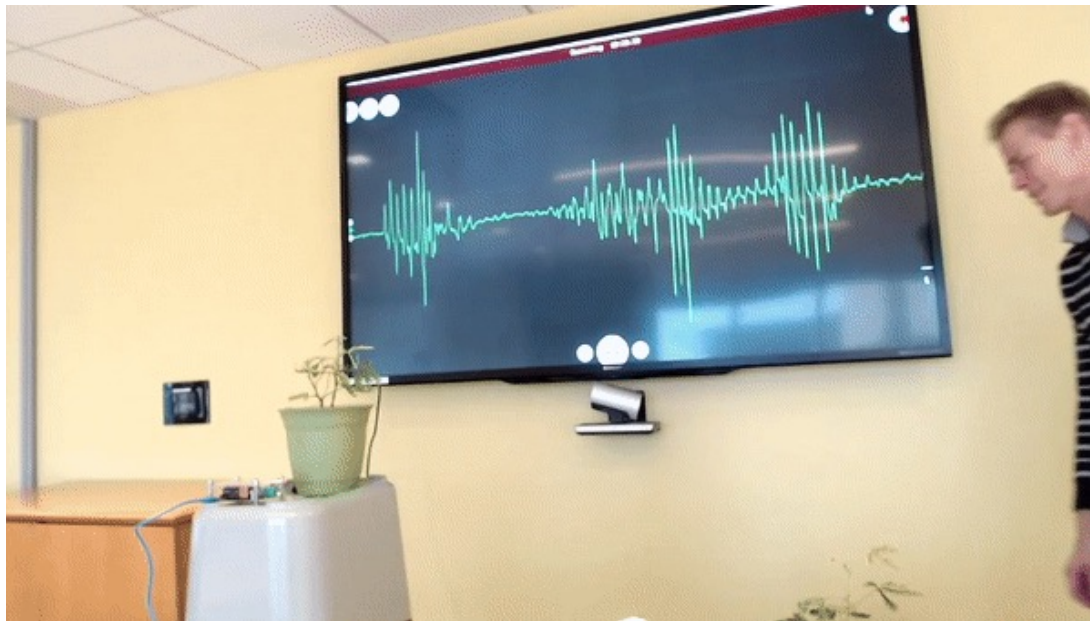
# Knowing what makes you happy will make you happier

Happimeter consists of four components:

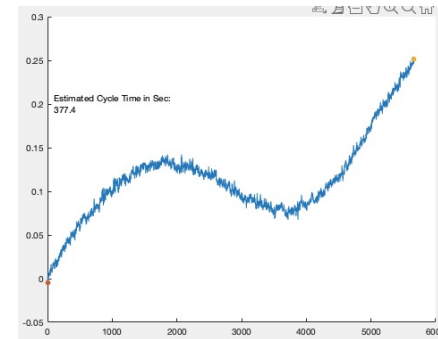
1. An Android Wear / Apple smartwatch that tracks acceleration, heart rate, voice, and location
2. An Android/iPhone app that transmits data to the server, and visualizes (shared) happiness
3. A machine learning backend in the AWS cloud, predicting pleasance (88%), activation (79%), stress (74% accuracy)
4. A Website that visualizes results and allows users to create/manage groups of friends and teams



# Measuring Emotions using Plants as BioSensors

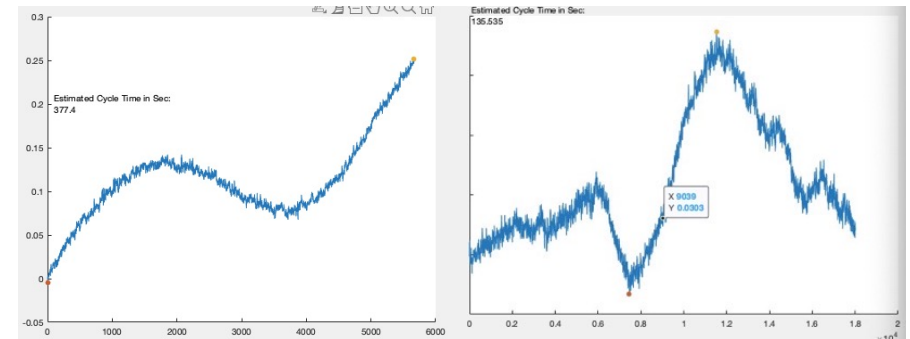


Classical



Seconds from lowest to highest leaf position:  
188.7

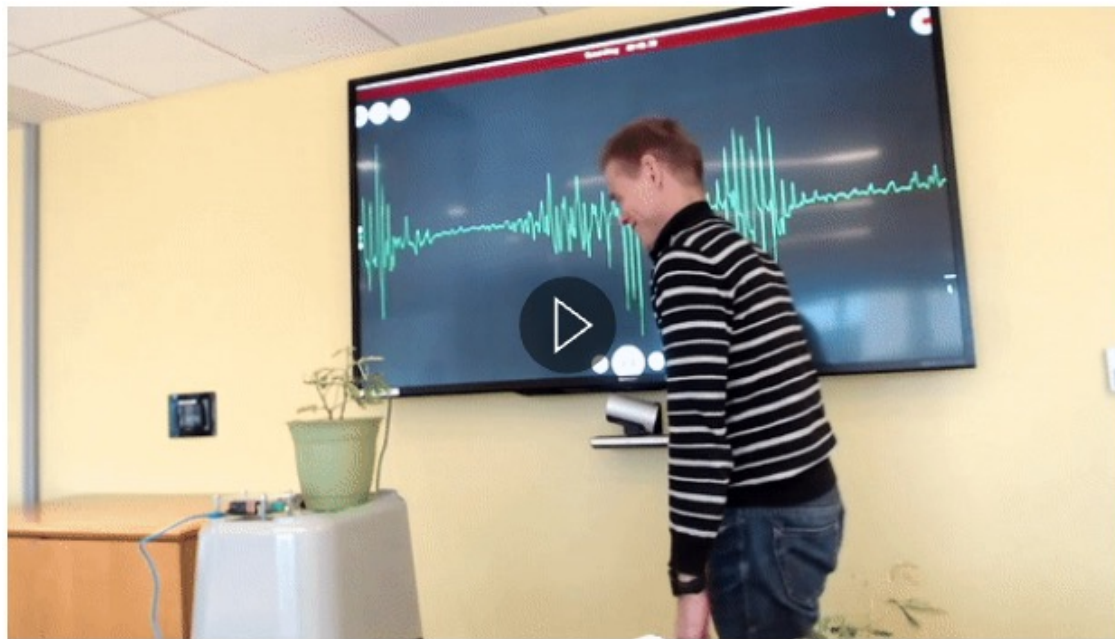
Yodeling



Seconds from lowest to highest leaf position:  
**67.8**

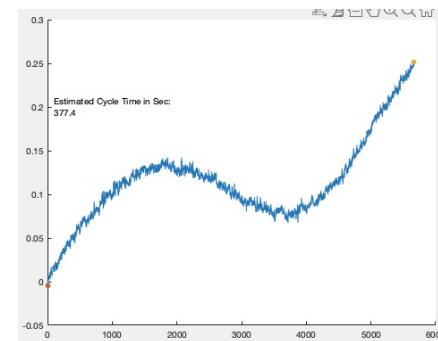
Mimosa Pudica & Codariocalyx Motorius

# Measuring Emotions using Plants as BioSensors



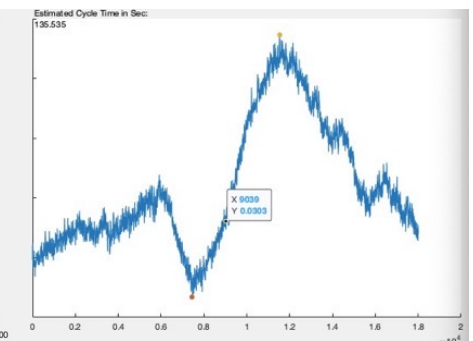
Mimosa Pudica & Codariocalyx Motorius

Classical



Seconds from lowest to highest leaf position:  
188.7

Yodeling



Seconds from lowest to highest leaf position:  
**67.8**



# Contents

1. Creating COINs at MIT
2. Entangling COINs
- 3. Measuring creative swarms**
  1. Measuring networks
  2. Measuring emotions
  - 3. Measuring morals**
  4. Measuring tribes
4. Virtual Mirroring to create entangled COINs

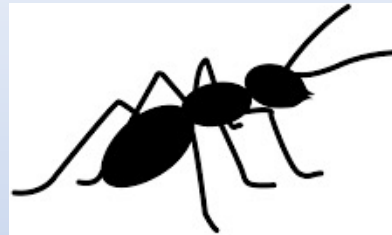
# Groupflow as Beeflow/Antflow/Leechflow



	goal	benefits	example
<b>Beeflow</b>	create	to self + to others	Create painting, play Jazz in a band, designing new product
<b>Antflow</b>	win	to self	Play online game, play soccer match
<b>Leechflow</b>	exploit	to self (from others)	Devise pyramid scheme, engage in mobbing

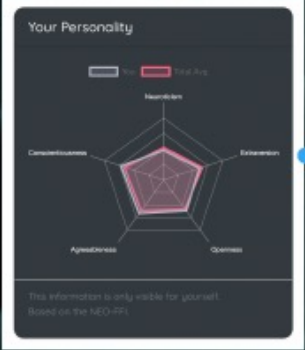
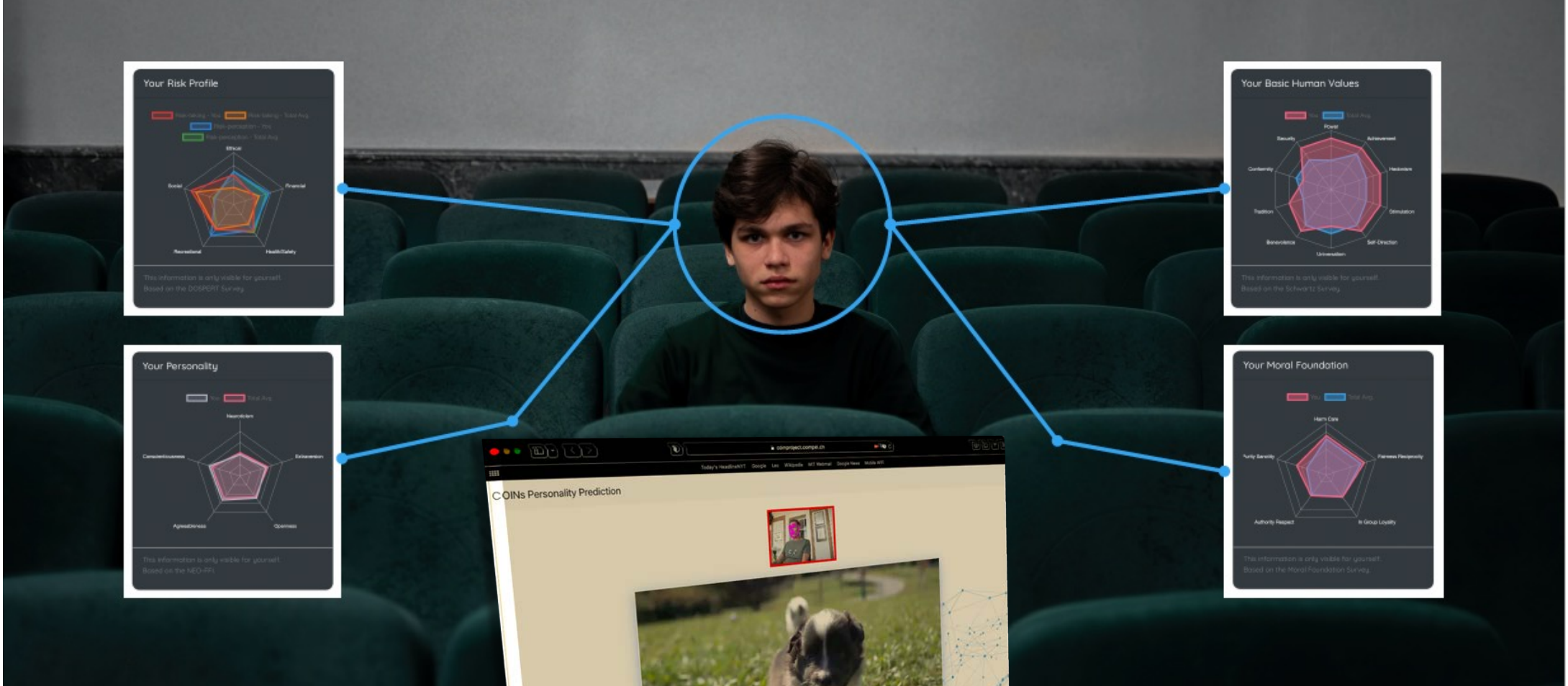


# Personality and Motivation



	Bee	Ant	Leech
Values	Self-transcendence self-direction/benevolence	Tradition/authority Conformity/security	Achievement/Power
Personality	Openness	Conscientiousness	(Neuroticism?)
Morals	Fairness/care		Unfairness
Risk taking	Social risks	Financial/health risks	Ethical risks



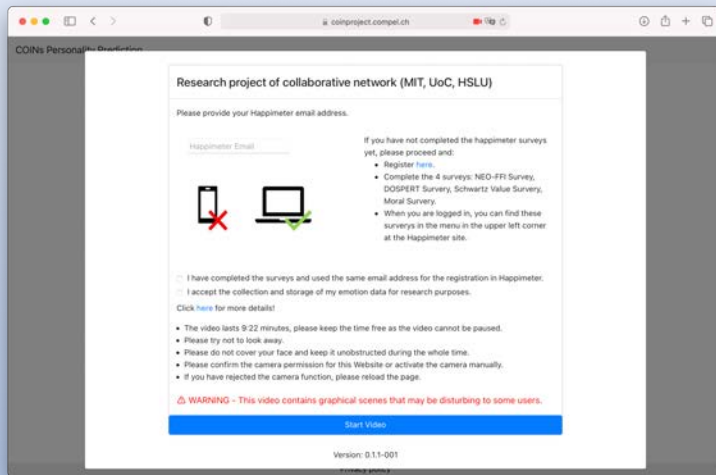


coinsapp.com.pl

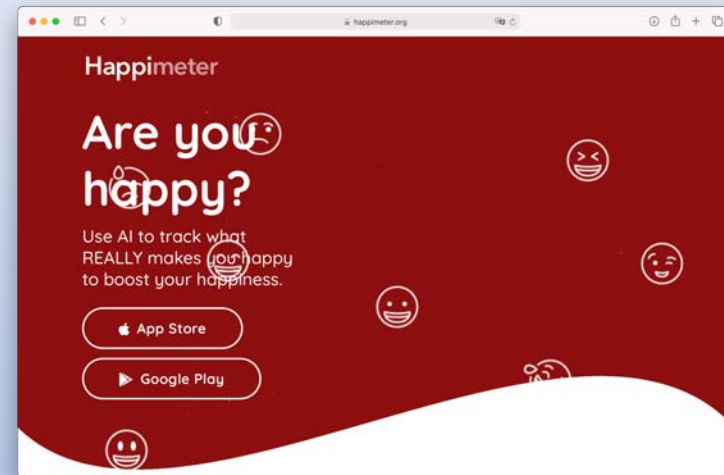
COINS Personality Prediction

Video player interface showing a dog in a field. A small inset window shows the man's face from the theater.

# Try it out for yourself:



<https://coinproject.compel.ch>

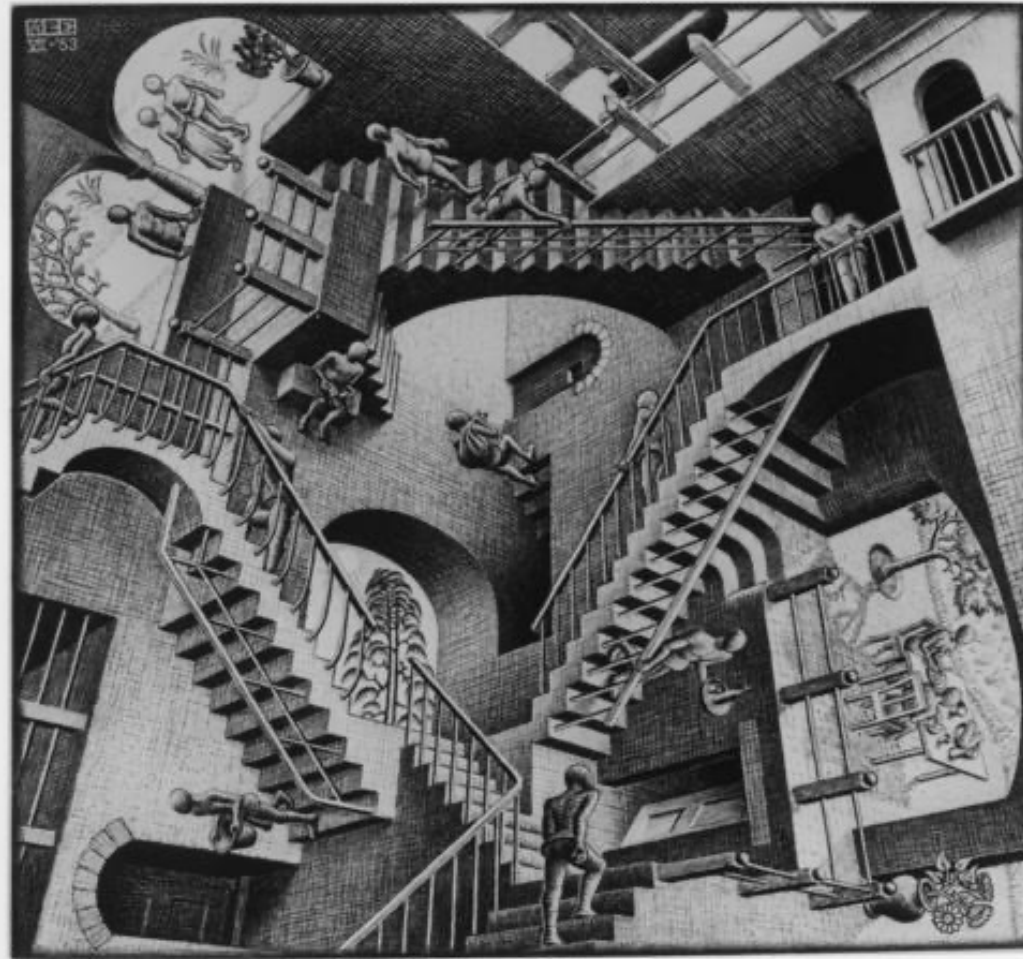


<https://www.happimeter.org>

# Contents

1. Creating COINs at MIT
2. Entangling COINs
- 3. Measuring creative swarms**
  1. Measuring networks
  2. Measuring emotions
  3. Measuring morals
- 4. Measuring tribes**
4. Virtual Mirroring to create entangled COINs

Everybody lives in a different reality



# Tribefinder

GalaxyScope



pgloor



## Personality



Politician

12.4%



Journalist

18.7%



Risk-taker

40.2%



Stock-trader

28.8%

## Alternative Realities



Spiritualism

21.2%



Nerd

48.7%



Fatherlander

4.8%




Treehugger

25.2%

# Tribefinder

GalaxyScope ☰



🔍

## Personality



Politician  
41.2%



Journalist  
32.1%



Risk-taker  
15.9%



Stock-trader  
10.8%

## Alternative Realities



Spiritualism  
7.2%



Nerd  
13.6%



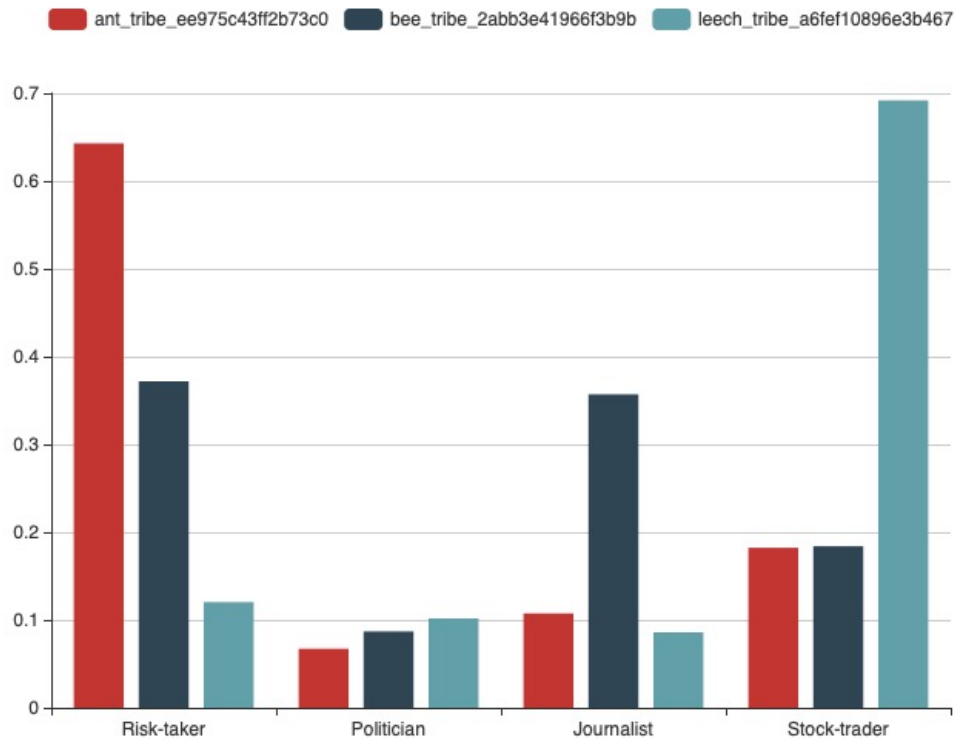
Fatherlander  
63.8%



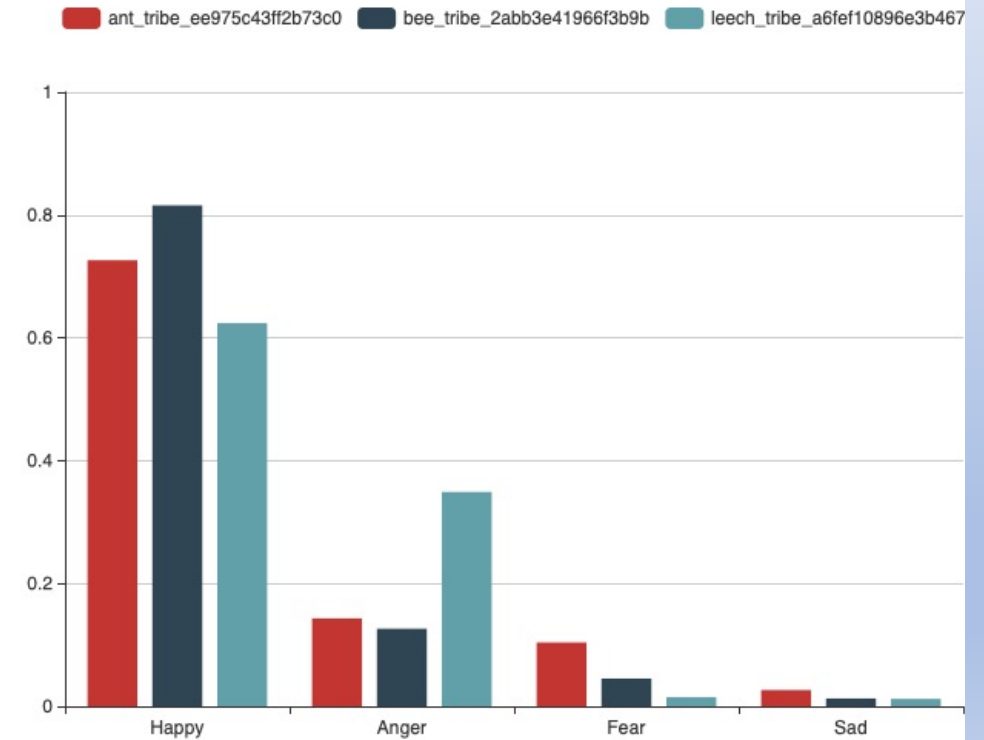
Treehugger  
15.4%

# Measuring Bee/Ant/Leech-Tribes

## PERSONALITY



## EMOTIONS

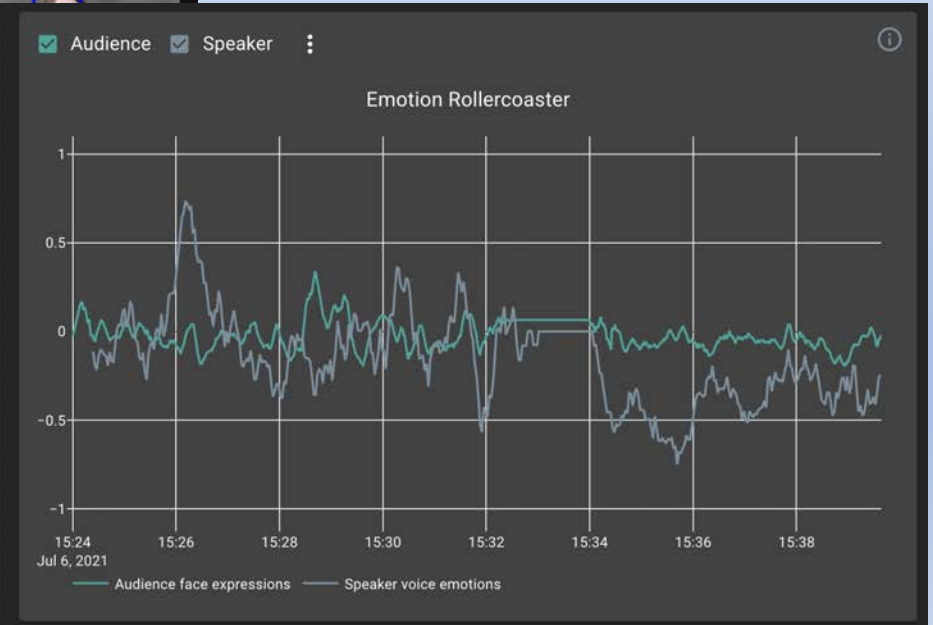
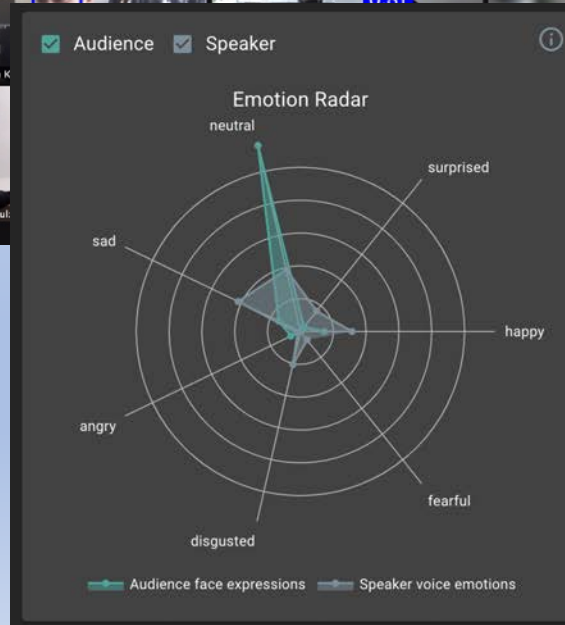
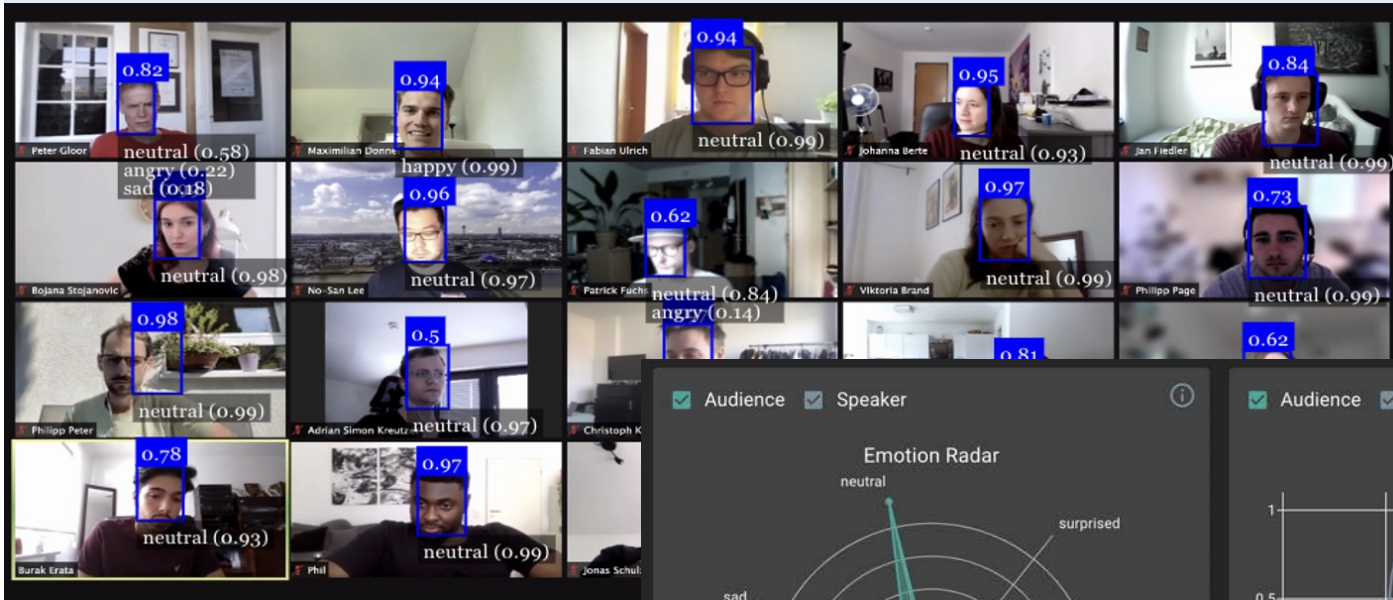


# Contents

1. Creating COINs at MIT
2. Entangling COINs
3. Measuring creative swarms
  1. Measuring networks
  2. Measuring emotions
  3. Measuring morals
  4. Measuring tribes
4. **Virtual Mirroring to create entangled COINs**



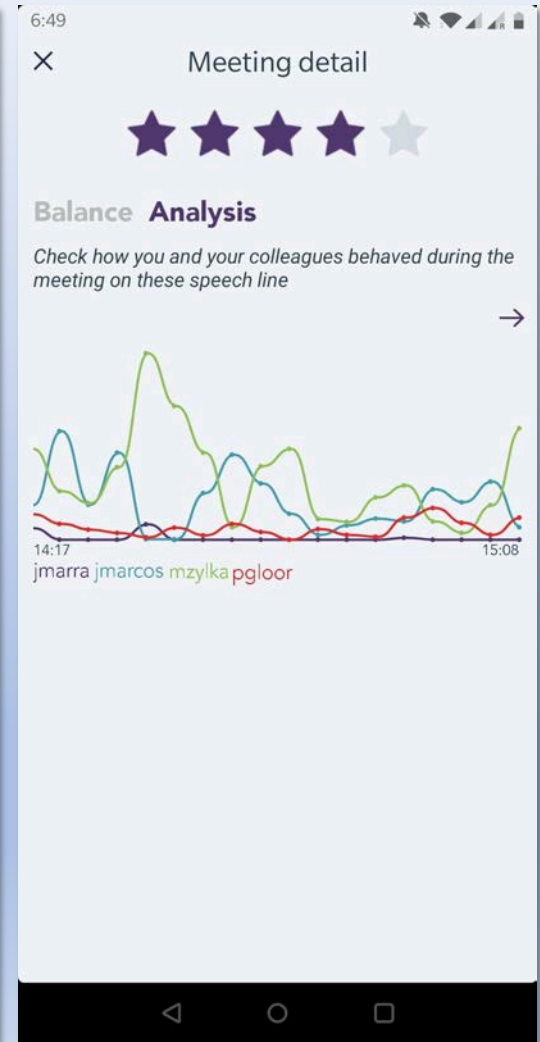
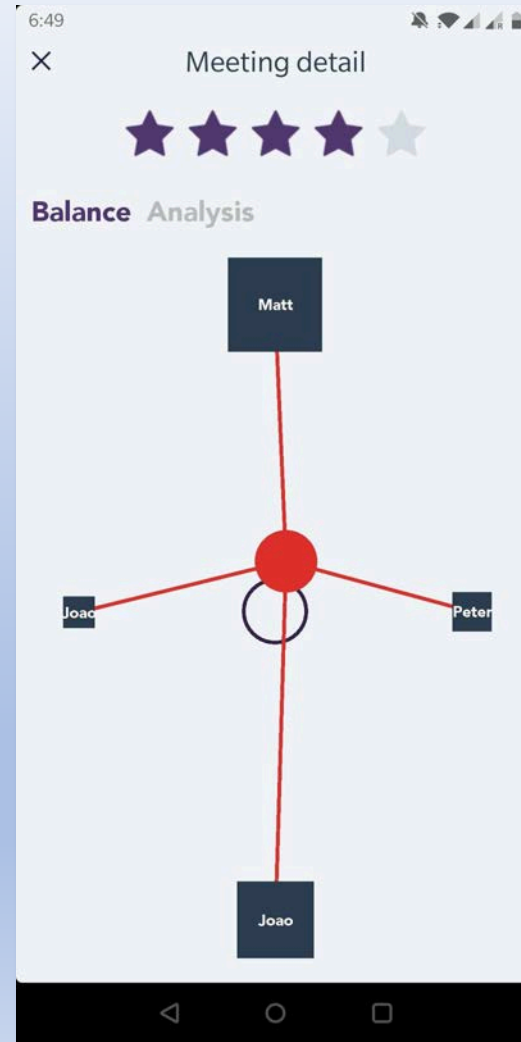
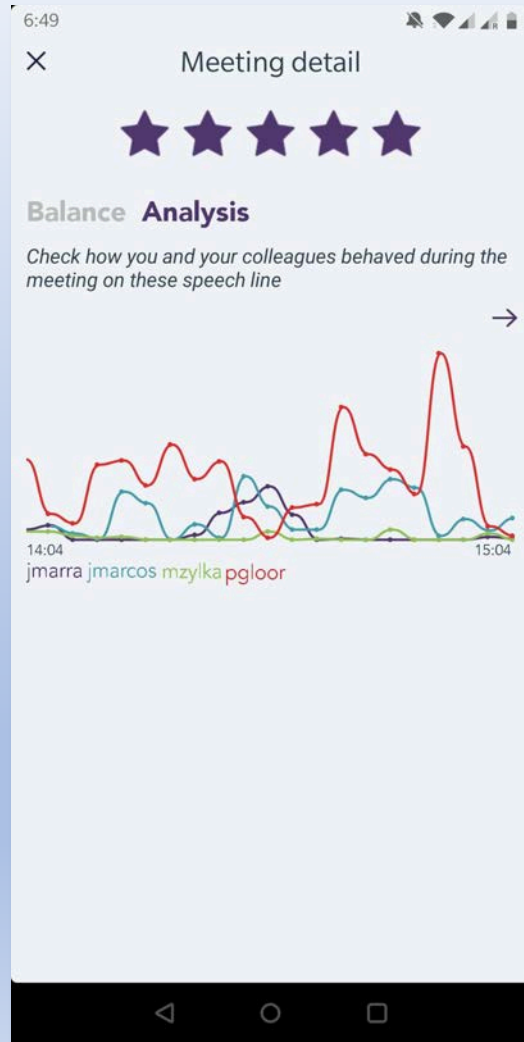
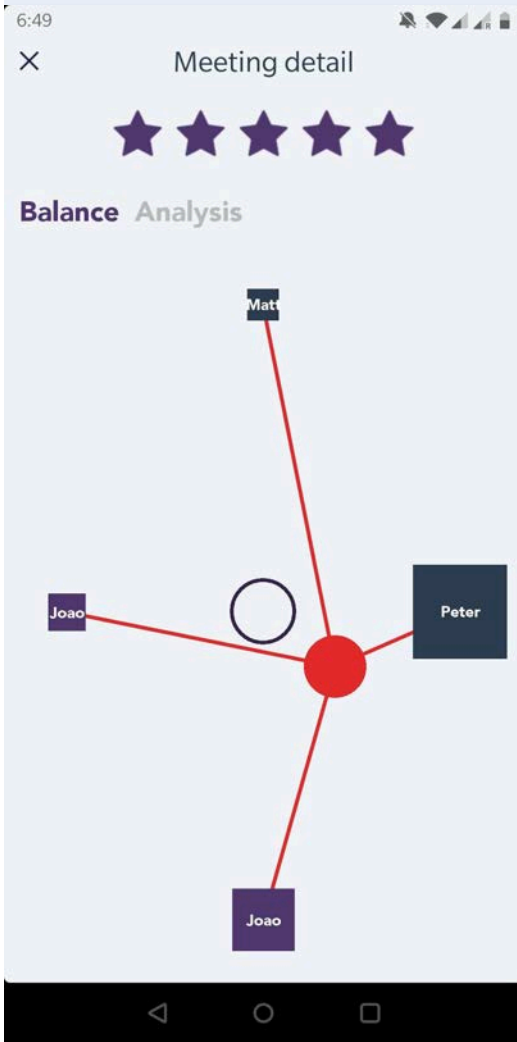
# Communication in age of Covid - Videoconferencing

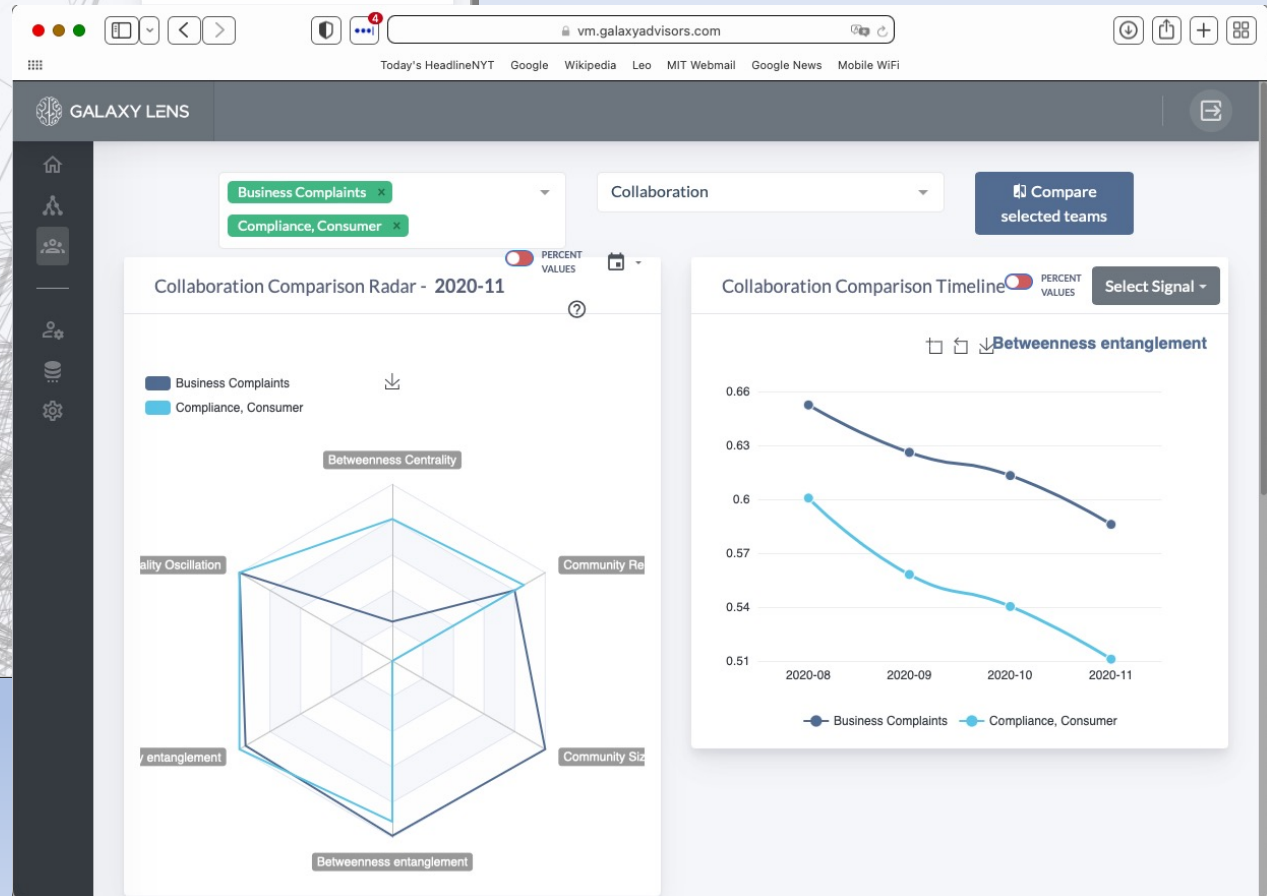
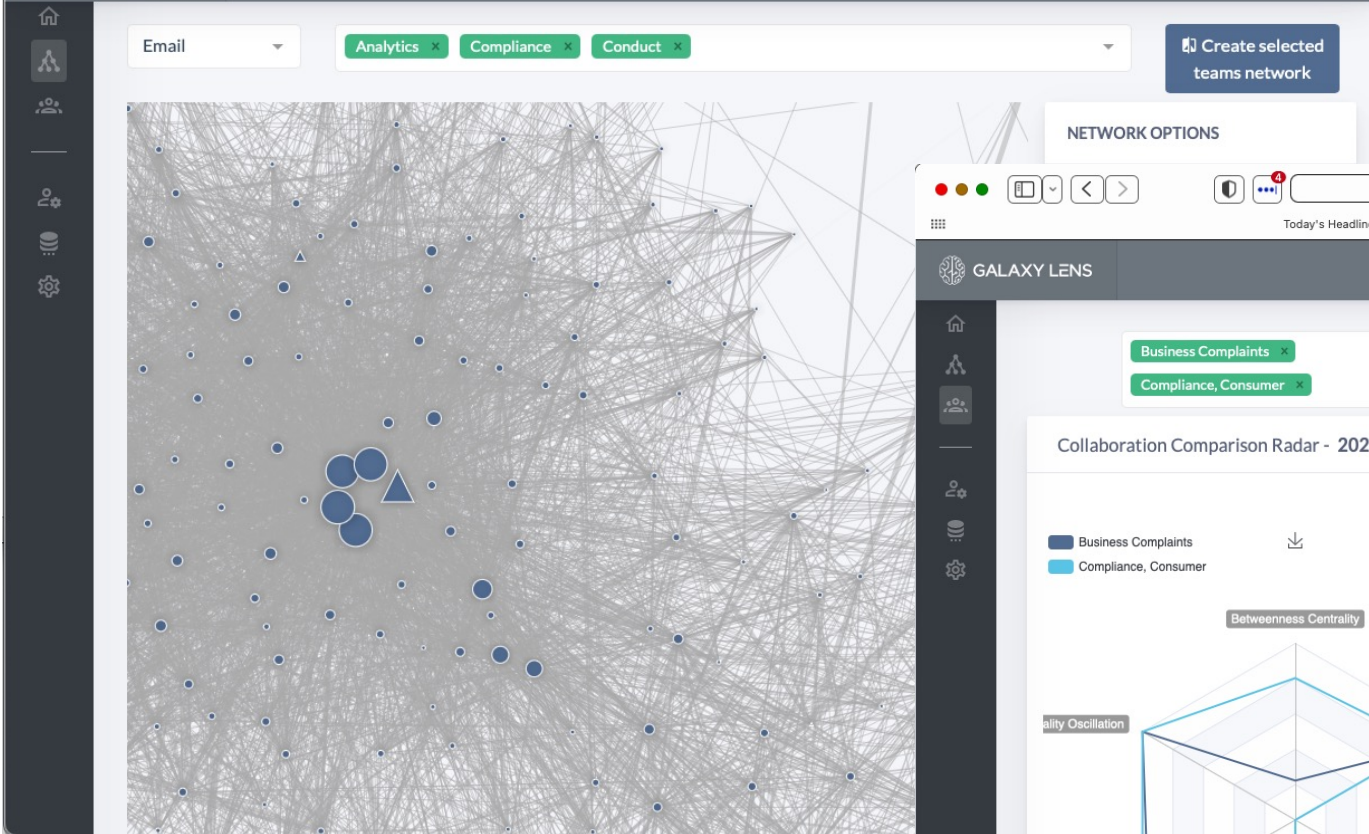


# Virtual Mirroring – taking your social selfie



# Social Compass – Meeting Balancer





# Know more about your communication

Giving you control over your digital self, your relationships and emotions

Download Galaxy Social Compass now on your phone



What do we even know about ourselves? Things we are proud of and things we prefer to keep secret. But there are **blind spots** and **unknowns** where we do not know ourselves. Better than focusing on how to minimize the data circulating about us would be to have smarter tools for better communication. **SocialCompass** gives you a tool that is incorruptible, accurate and helps you learn more about your communication. It helps you discover new viewpoints, and learn how to improve relationships.

3:25

dreamteam

Data Network Tribes

**Positive** **Negative**

Journalist Happy Sad Spiritualism Politician Anger Fear

Alternative Realities

Spiritualism 16.7% Nerd 72.4% Fatherlander 3.3% Treehugger 7.6%

Personality

Politician 6.0% Journalist 21.3% Risk-taker 55.3% Stock-trader 17.4%

Emotions

9:31

New tribe team

Team name

**Opposite** **Similar**

Select a list of contacts to find opposite contacts based on the selected contacts tribes

Select a list of contacts to find similar contacts based on the selected contacts tribes

Members

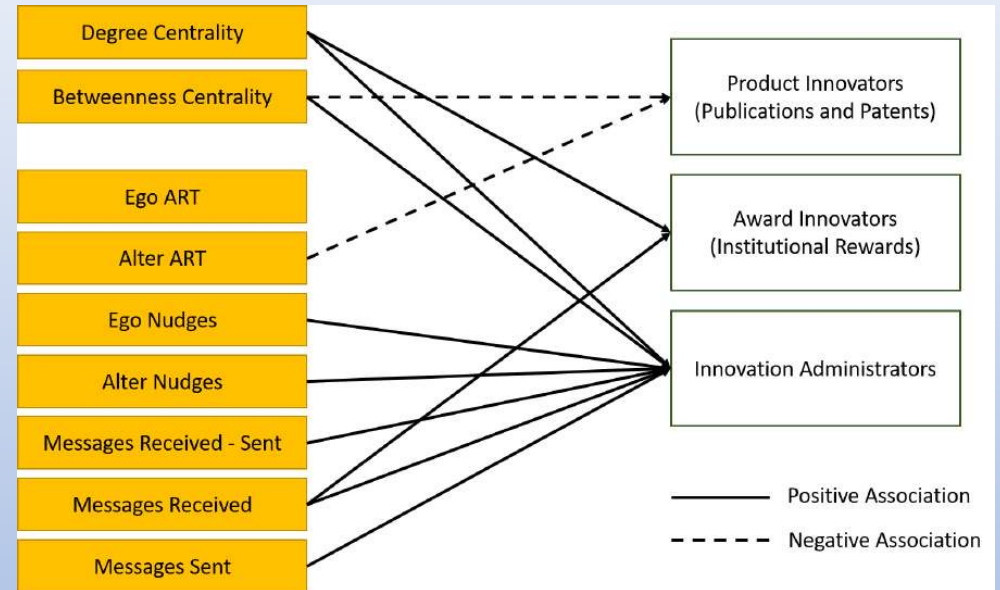
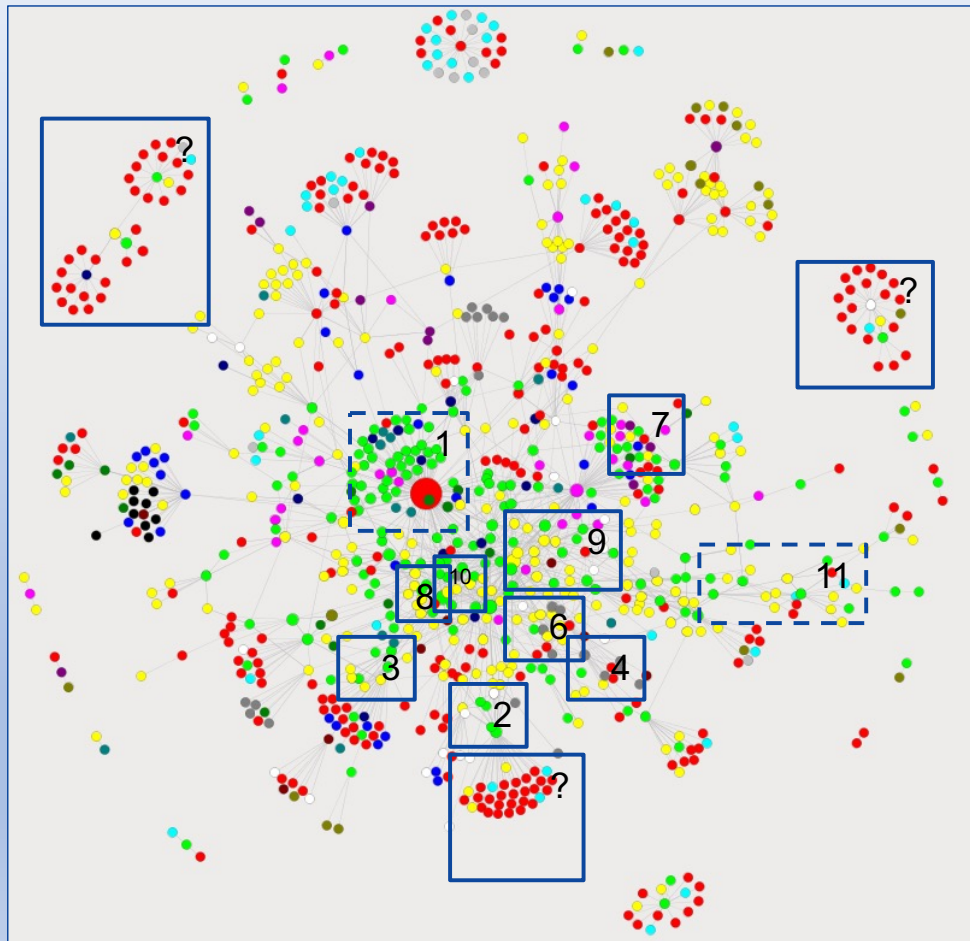
Search colleague

Colleague name or email

M	Matt Zylka	100.0%
J	Joao Marcos	93.5%
H	Harry Toukalas	74.7%
T	Tim Boyle	65.2%
E	Erkin Altuntas	31.4%
H	Hulzenbosch	-
D	Dongen	-

Save team

# Case Study: Corporate R&D - MIT Collaboration



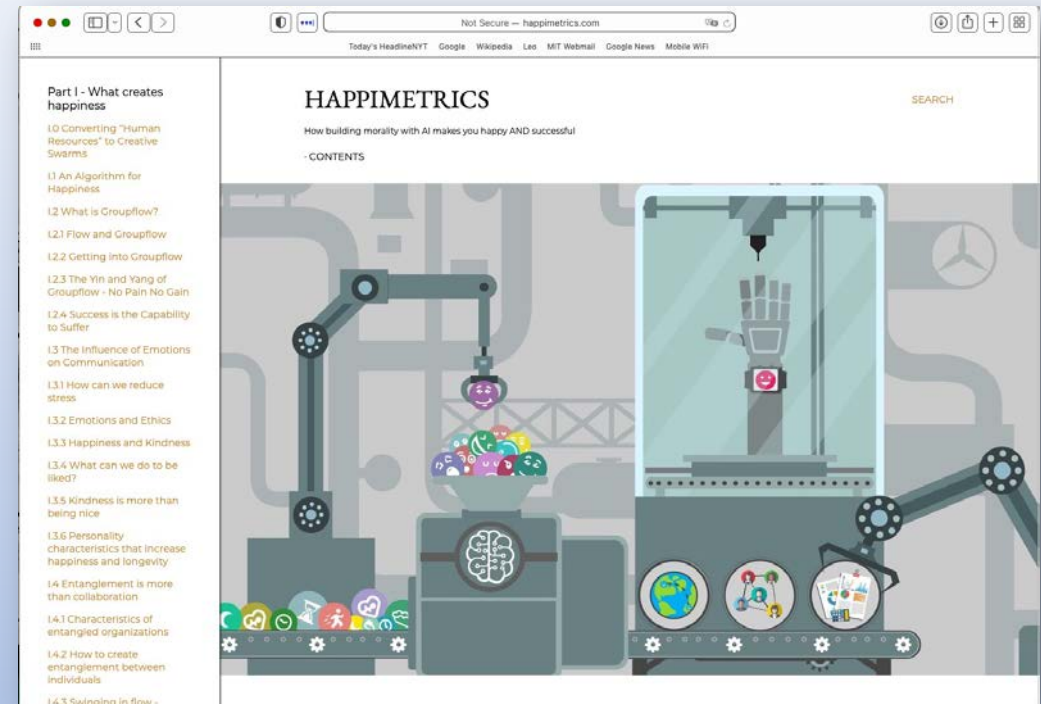
**Entangled COIN!**

# Thank You

Tom Allen  
David Aloini  
Keith Arano  
Adam Almozlino  
Robin Athey  
Erkin Altuntas  
Linda Babler  
Matias Barahona  
Melina Becker  
Hans Brechbuhl  
Lucas Broennimann  
Pascal Budner  
John D. Collins  
Scott Cooper  
Marius Cramer  
Patrick DeBoer  
Arash Delijani  
George Dellal  
Marco DeMaggio  
Pierre Dorsaz  
Lyric Doshi  
Scott Dynes  
Marc Egger  
Joscha Eirich  
Eric Esser  
Kai Fischbach  
Karin Frick  
Andrea Fronzetti C.  
Hauke Fuhres  
Manuel Galbier  
Cristobal Garcia  
Gianni Giacomelli  
Julia Gluesing  
Francesca Grippa  
Detlef Guertler  
Beth Hadley  
Michael Henninger  
George Herman  
Teresa Heyder  
Lola Higuera  
Takashi Iba  
Orr Inbar  
Bill Ives  
Eric Johnson  
Adriaan Jooste  
Jermain Kaminski  
Min-Hyung Kang  
Yared Kidane

Reto Kleeb  
Jonas Krauss  
Dustin Larimer  
Casper Lassenius  
Rob Laubacher  
Jonas Lauener  
Charles Leiserson  
Hanumateja Maddali  
Marton Makai  
Fillia Makedon  
Tom Malone  
Buenyamin Oezkaya  
Joao M. de Oliveira  
Pascal Marmier  
Peter Margolis  
Molly McKean  
Christine Miller  
Leeban Morgan  
Stefan Nann  
Keiichi Nemoto  
Tuomas Niinimaki  
Tobias Olbrueck  
Daniel Olguin Olguin  
Daniel Oster  
Karsten Packmohr  
Maria Paasivaara  
Sandy Pentland  
Oliver Posegga  
Peter Praeder  
Shannon Provost  
Johannes Putzke  
John Quimby  
Ornit Raz  
Renaud Richardet  
Ken Riopelle  
Jannik Roessler  
Tejasvita Saran  
Michael Schober  
Detlef Schoder  
Thomas Schmalberger  
Michael Seid  
Joao Gabriel Silva Marra  
Yang Song  
Martin Stangl  
Alessandro Stefanini  
Marius Stein  
Katharina Stolz  
Shosta Sulonen  
Jiachen Sun  
Lirong Sun  
Masamichi Takahashi

David Verrill  
Manfred Vogel  
Gloria Volkmann  
Christoph Von Arb  
Ben Waber  
Xin Wang  
Qi Wen  
Andrew Westerdale  
Stephanie Woerner  
JoAnn Yates  
Wayne Yuhasz  
Qiaoyun Yun  
Maximilian Zeyda  
Xue Zhang  
Kang Zhang  
Yan Zhao  
Antonio Zilli  
Yuhong Zhou  
Kevin Zogg  
Matthaeus Zylka



<http://cci.mit.edu/pgloor>  
<http://www.ickn.org>  
<http://happimetrics.com>  
[www.galaxyadvisors.com](http://www.galaxyadvisors.com)  
<http://www.coinsconference.org>  
[pgloor@mit.edu](mailto:pgloor@mit.edu)  
Twitter @pgloor