

Forum di Sviluppo e Organizzazione  
8 -9 ottobre 2020

# RIPENSARE LA DISTANZA MODELLI, TECNOLOGIE E PERSONE

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# EUCLIDENIAN DISTANCE

# EUCLIDENIAN DISTANCE

A



B



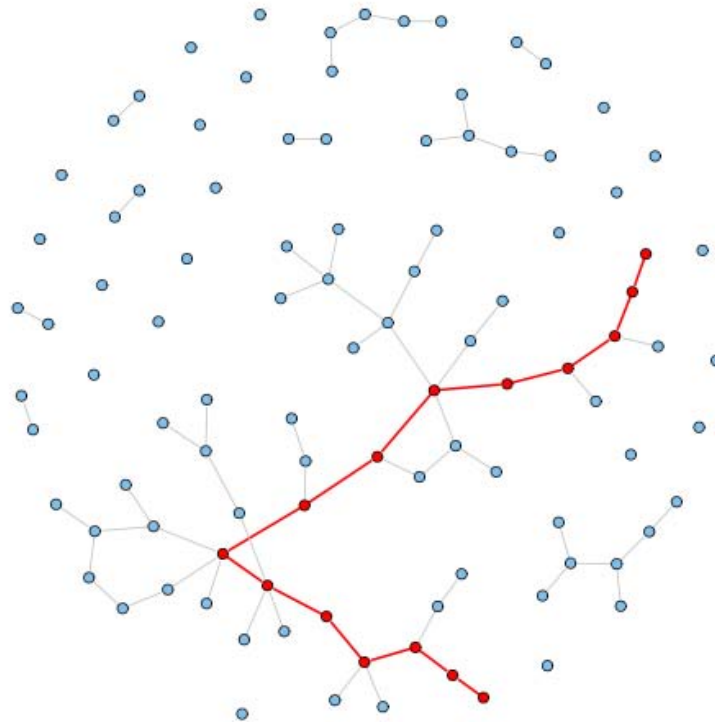




# DISTANCE IN NETWORK SCIENCE

# GEODESIC DISTANCE

In the mathematical field of graph theory, the distance between two vertices in a graph is the number of edges them







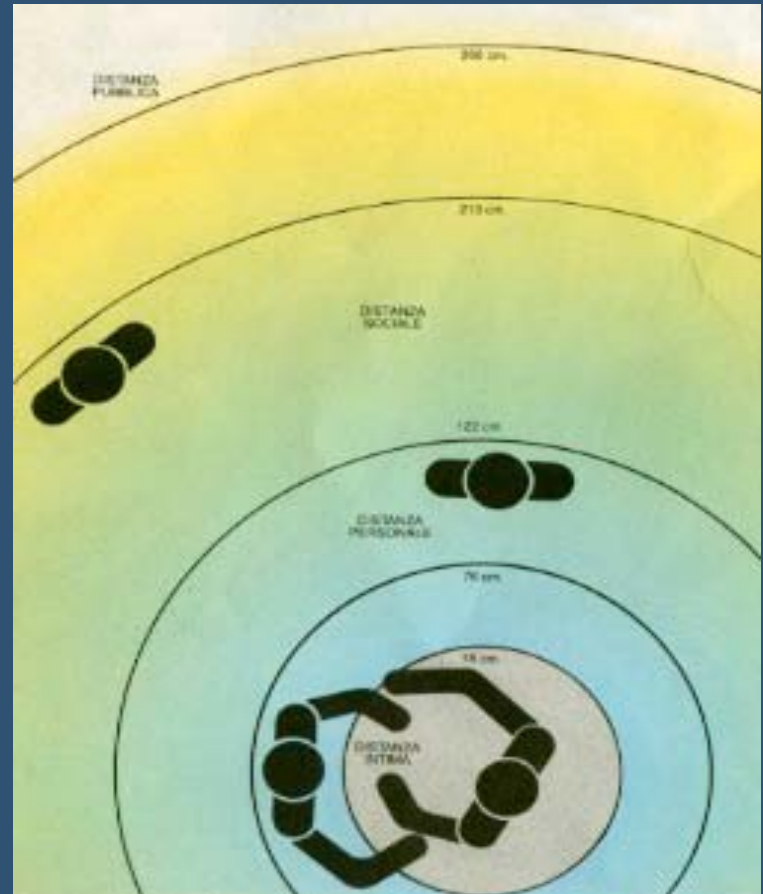
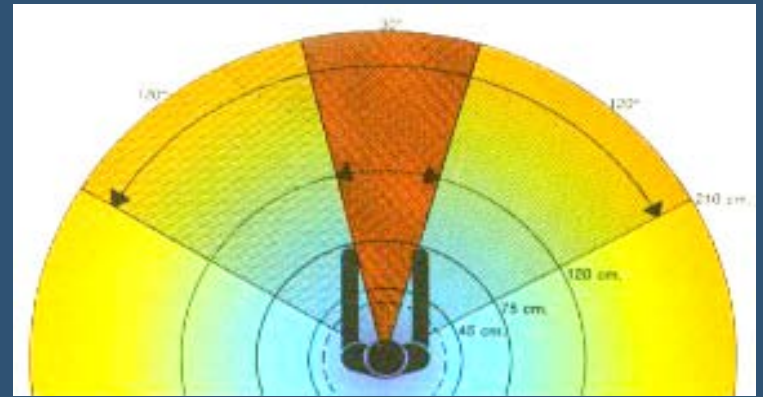


DISTANCE AS DIGITAL DIVIDE



# PROXEMICS

# PROXEMICS



*study of set measurable CULTURALLY dependent distances between people as they interact*

*E. T. Hall, 1966*



**Intimate distance**

**From 0 to 50 cm**

**Personal distance**

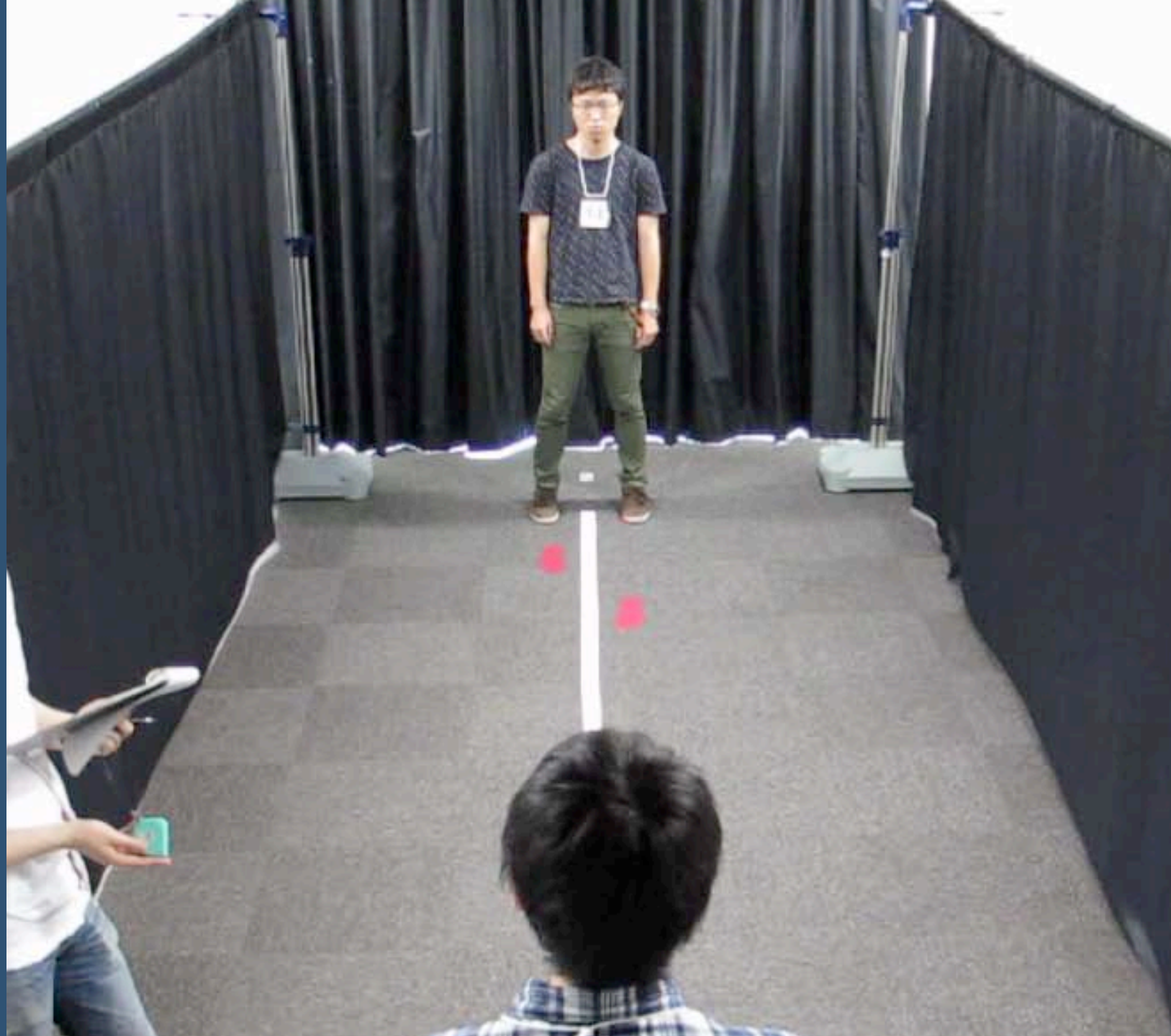
**Between 50 cm and 1 m**

**Social distance**

**Between 1 m and 3/4 m**

**Public distance**

**Beyond 4 m**





# THE FEAR OF BEING TOUCHED



*“There is nothing man fears more than the touch of the unknown. He wants to see what is reaching towards him, and to be able to recognize or at least classify it. All the distance which men place around themselves are dictated by this fear.*”

*All the **distance** which men place around themselves are dictated by this fear.”*

DISCHARGE

acts on

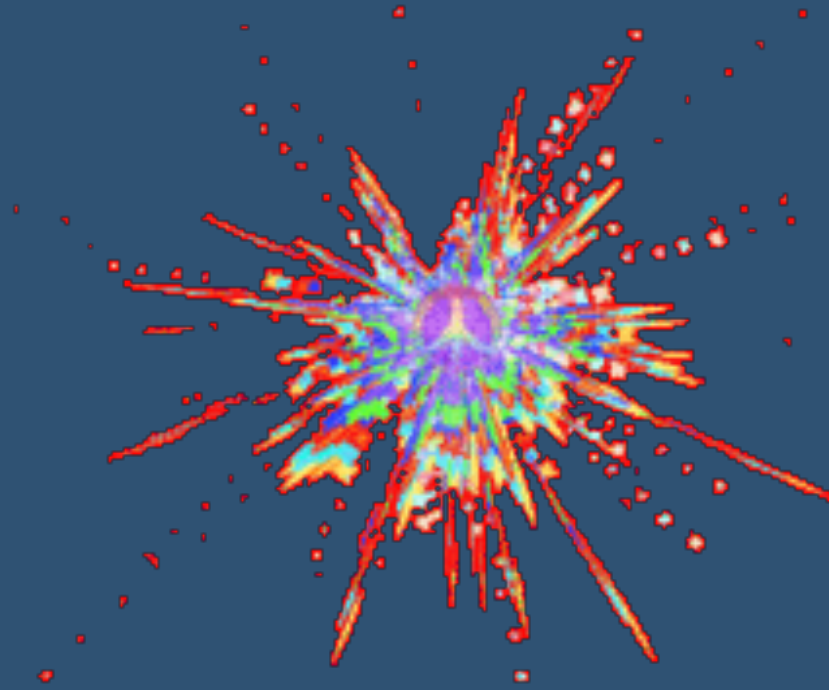
Individuals

creates

**CROWD**

(In it, a man can  
become free of the fear of being  
touched - all are equal)

# SPARK-EVENT



*"It is only in a crowd that man can become free of this fear of being touched. That is the only situation in which the fear changes into its opposite."*

*"During the discharge distinctions are thrown off and all feel equal."*

PROXEMICS  
and  
WORKING PLACES







WORKING  
AT A  
DISTANCE







# VIRTUAL CROWDS





INDIVIDUAL  
VS  
COLLECTIVE

DISCHARGE

acts on

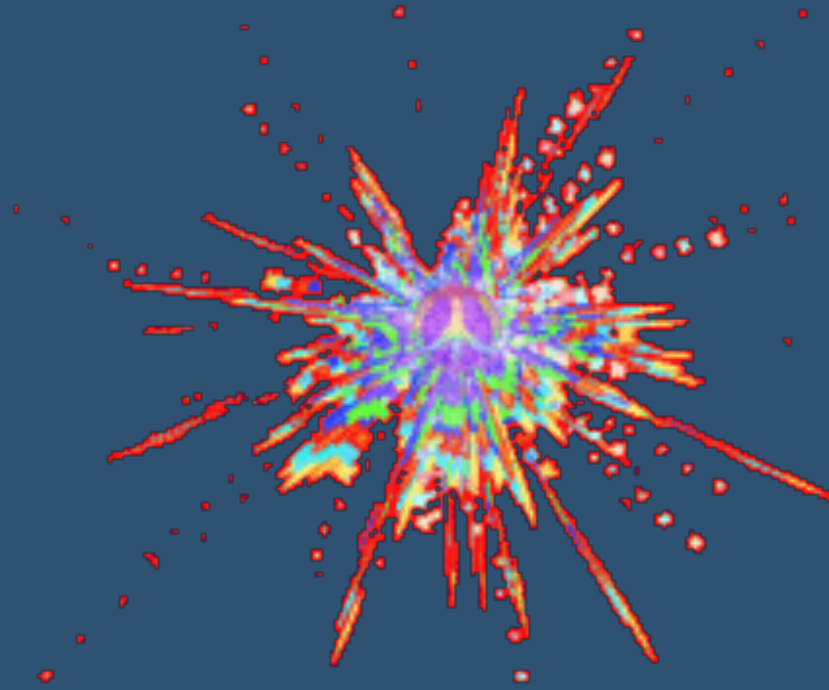
Individuals

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touched - all are equal)

# SPARK-EVENT



*"It is only in a crowd that man can become free of this fear of being touched. That is the only situation in which the fear changes into its opposite."*

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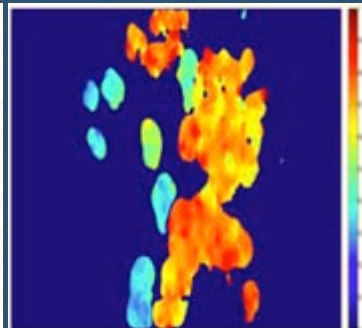
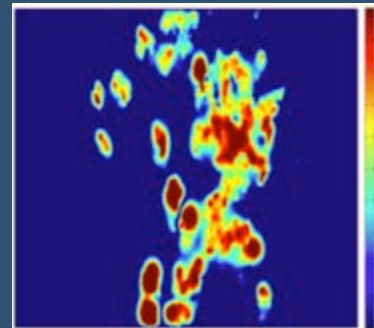


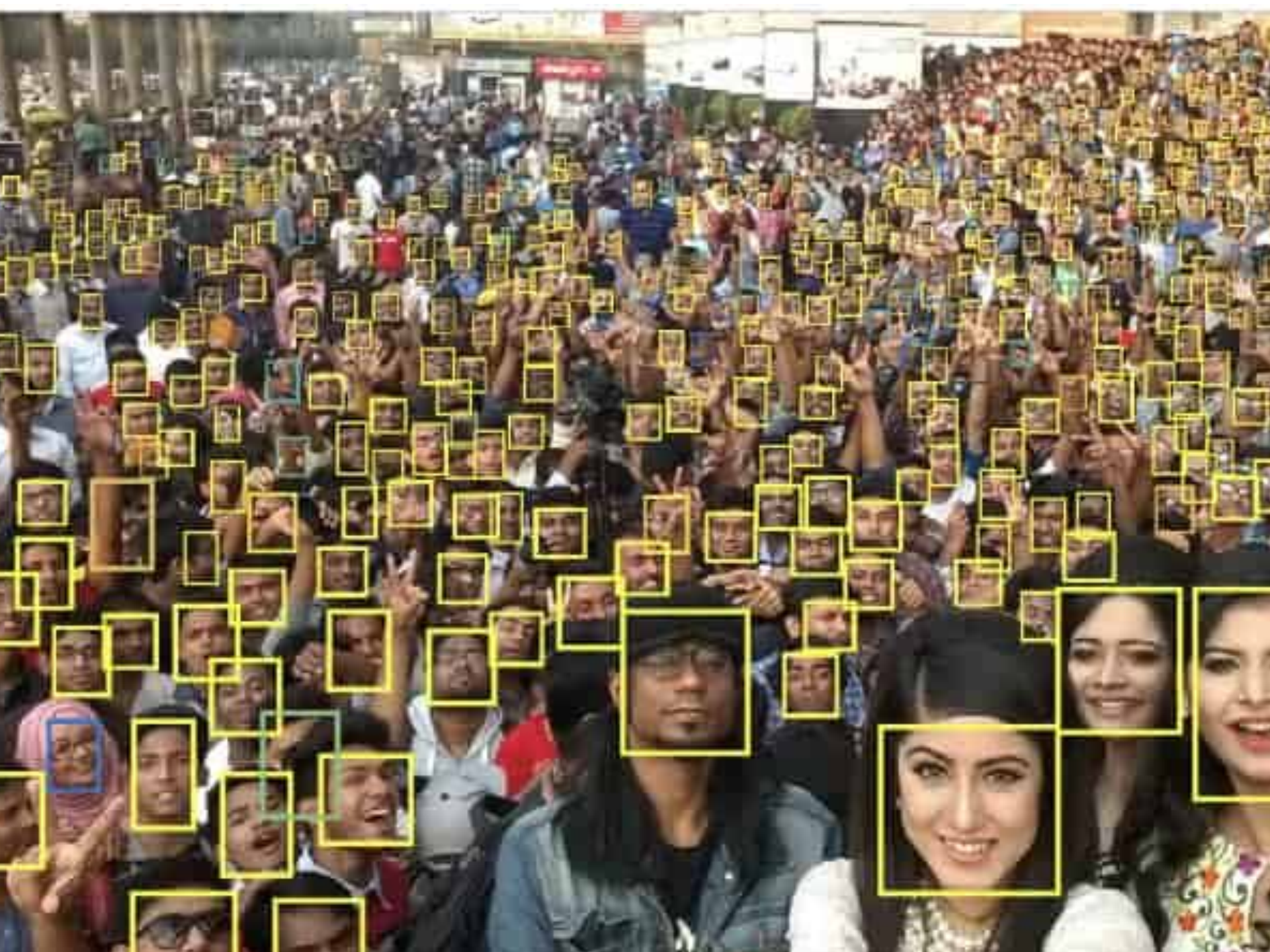






# ARTIFICIAL INTELLIGENCE COMPUTER VISION SOCIAL MEDIA AFFECTIVE COMPUTING



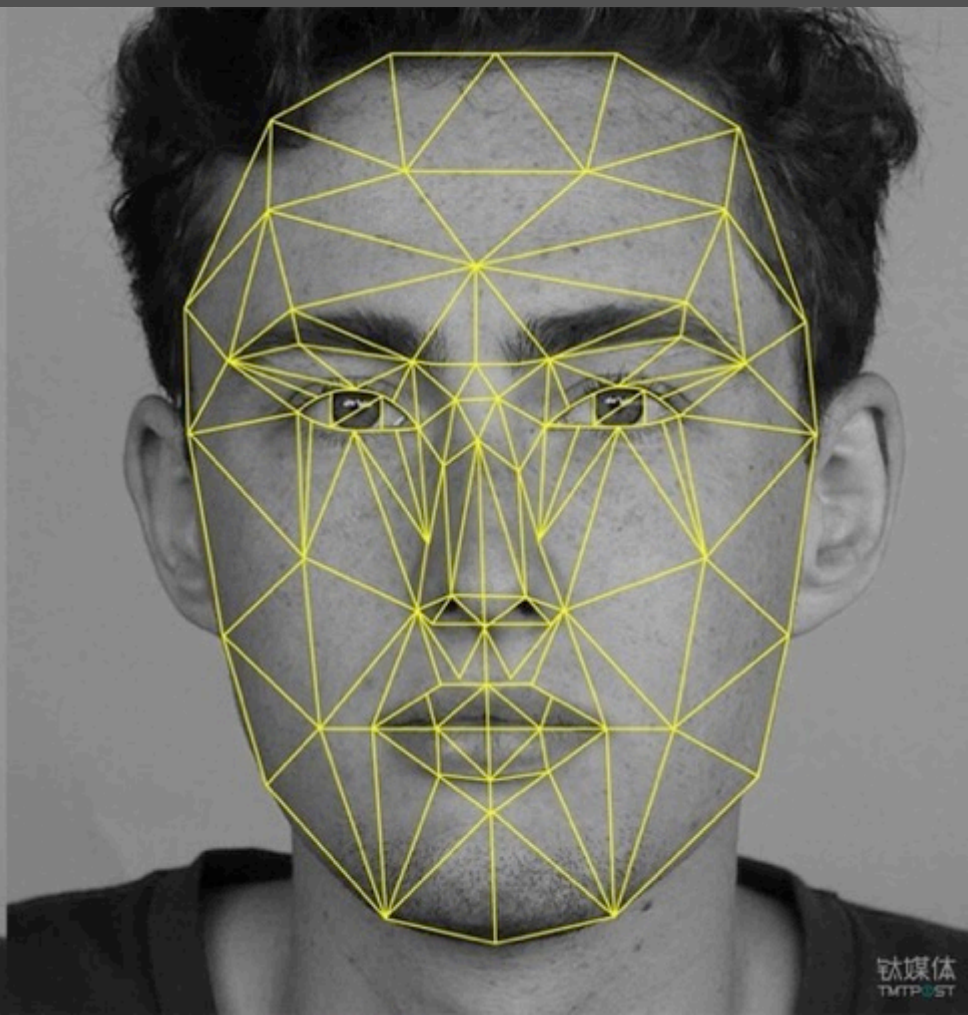
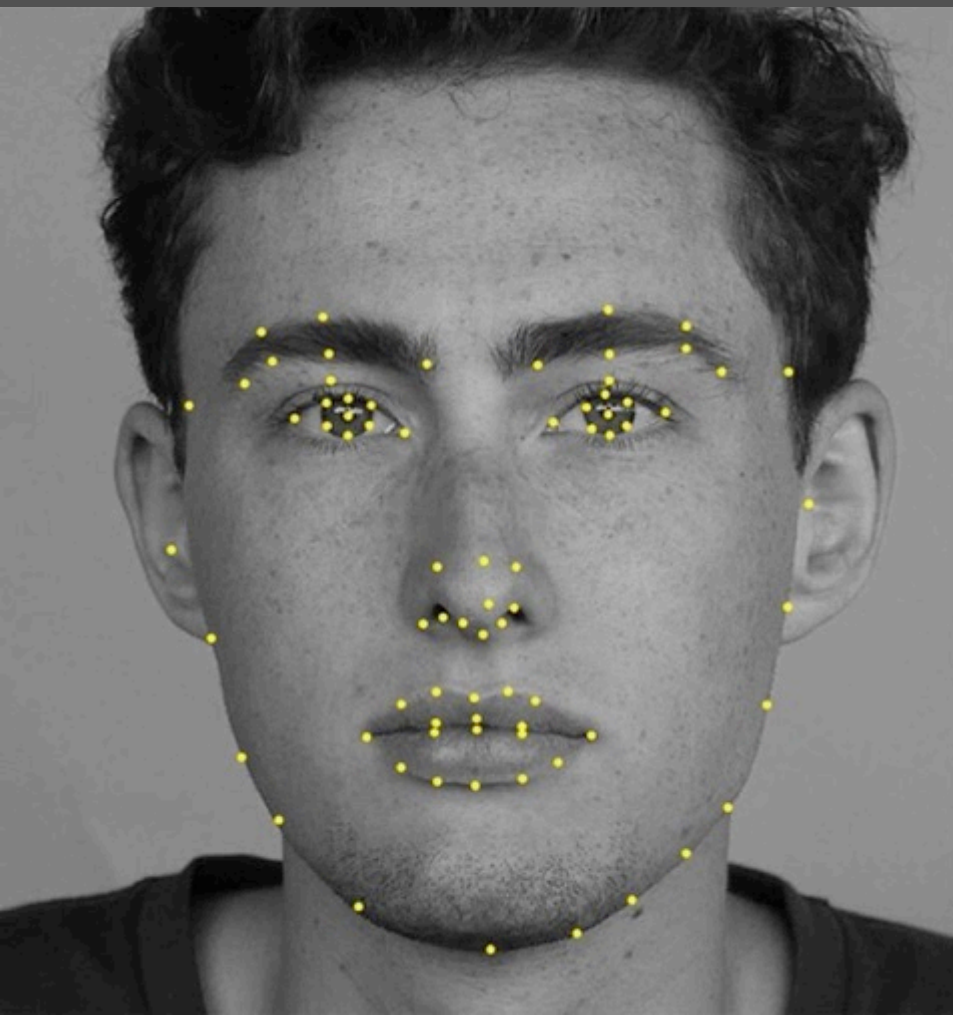




EMOTIONS?



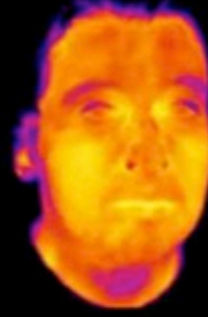
# AFFECTIVE COMPUTING





Mother

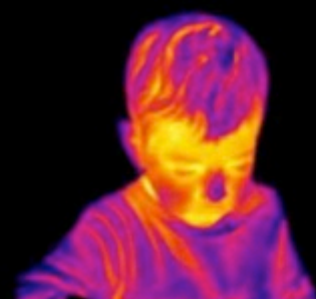
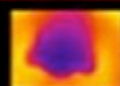
38.9 C°



32.3 C°

Child

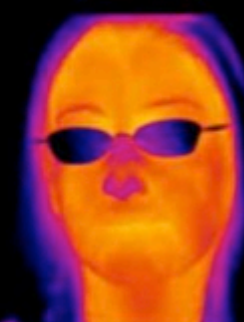
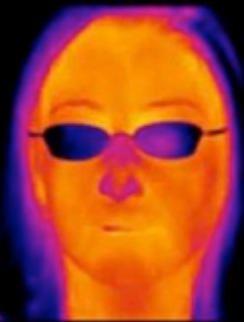
36.3 C°



26.2 C°

Other Woman

38.9 C°



27.1 C°

Baseline

Intermediate condition

Mishap

Entrance

Anger



Fear



Disgust



Happiness



Sadness



Surprise



Neutral



Anxiety



Love



Depression



Contempt



Pride



Shame



Envy



# PHYSIOLOGICAL SIGNALS

**Electrooculography (EOG)**



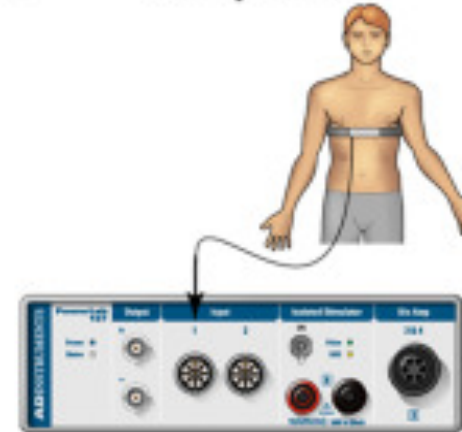
**Blood Volume Pressure (BVP)**



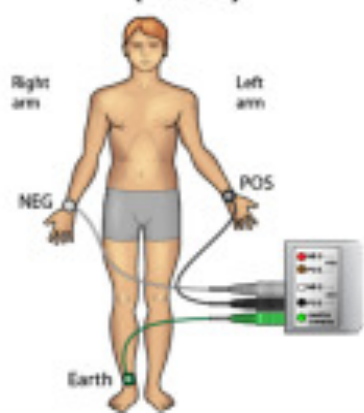
**Head Blood Volume Pulse (BVP)**



**Respiration**



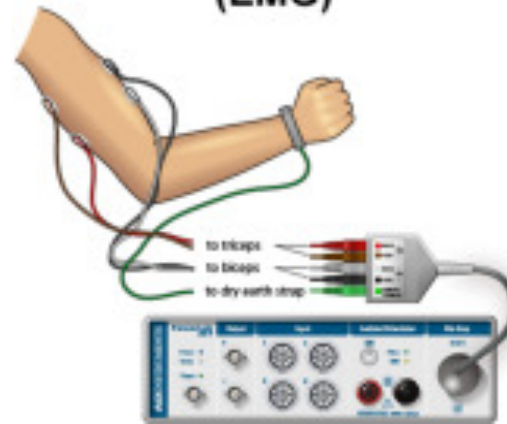
**Electrocardiography (ECG)**



**Electrodermal Activity (EDA) with Q-Sensor**

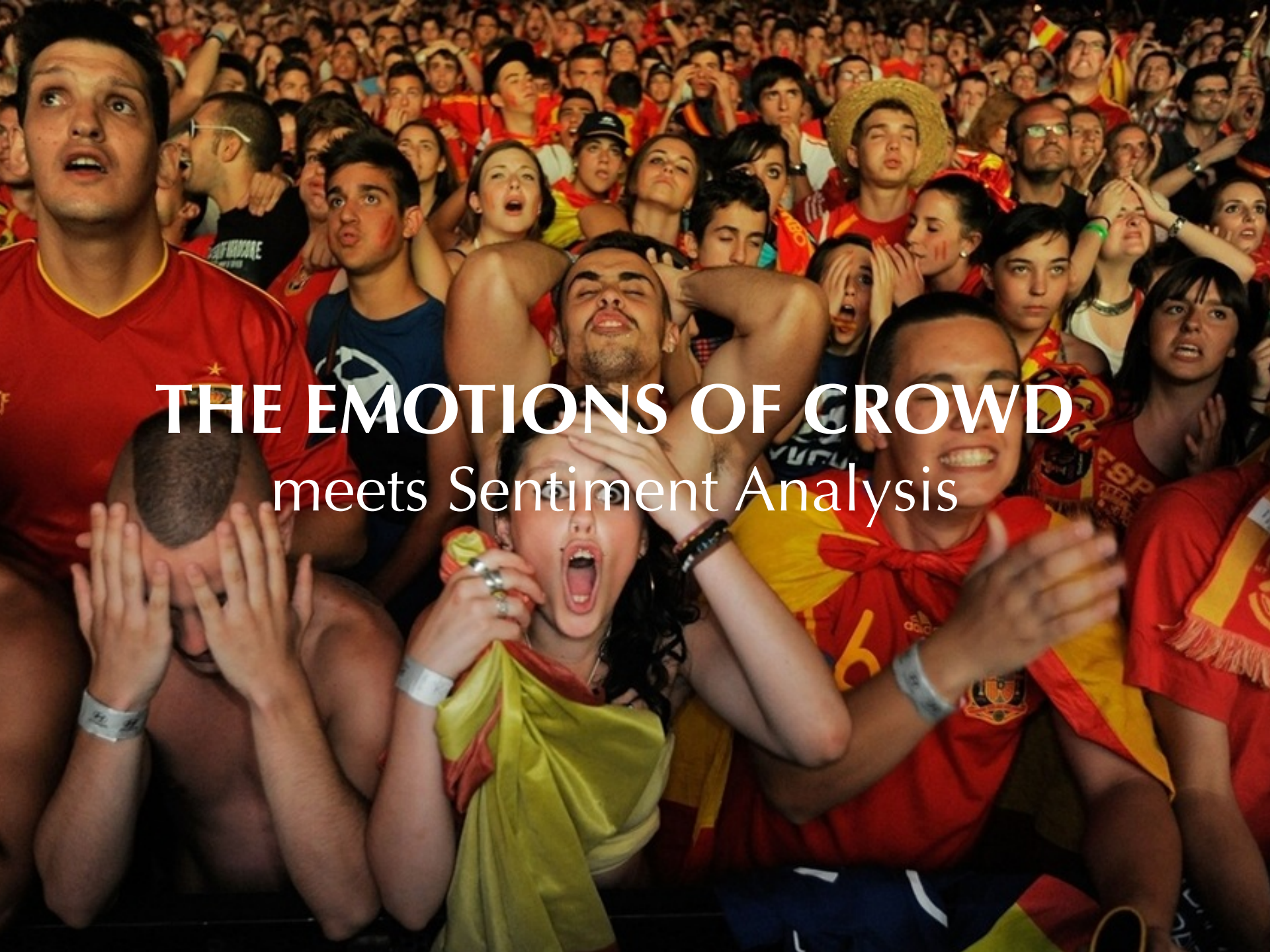


**Electromyography (EMG)**



**Philips Vibe Emotion Sensor (ECG)**





# THE EMOTIONS OF CROWD

meets Sentiment Analysis



# THE EMOTIONS OF CROWD

meets Sentiment Analysis

# THE EMOTIONS OF CROWD

measurements of symbolic expressions





# THE EMOTIONS OF VIRTUAL CROWD

## measurements of symbolic expressions

### Power BI Facebook Page - Reactions & Sentiment Analysis of Comments

Comment Sentiment Score



243

Total Posts

0.12

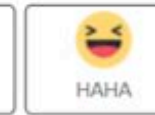
Daily Posts

26,332

Total Reactions

108.36

Reactions per Post



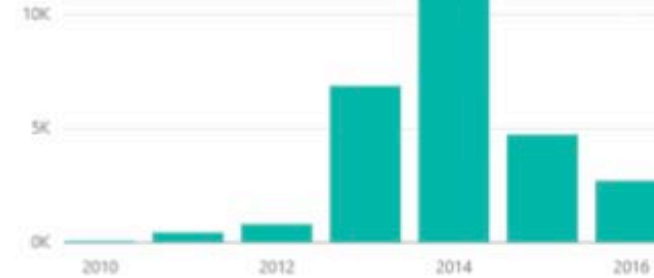
Total Likes



Total Comments, Total Posts and Sentiment Score by Month



Total Reactions



Average Comment Sentiment Scores By Date



Most Positive Comments (Click link to view comment)

Average of score	URL	Comment
1.00	<a href="#">[link]</a>	Thanks Tim! Happy you like it! Make sure to subscribe to the show by going to wv
1.00	<a href="#">[link]</a>	Hi there, please make sure you are logged into Facebook first to access the app, an
1.00	<a href="#">[link]</a>	Thank you, Thank you, Thank you
1.00	<a href="#">[link]</a>	Awesome👍
1.00	<a href="#">[link]</a>	Awesome, Great Thank you.

Most Negative Comments (Click link to view comment)

Average of score	URL	Comment
0.01	<a href="#">[link]</a>	I think it's awful that you are discontinuing DeskL. Your web based products are far
0.01	<a href="#">[link]</a>	I would have loved to enter but sadly your ludicrous and unfair licensing system pr
0.01	<a href="#">[link]</a>	I'm from brazil n I can't use it! Why Brazil doesn't have any support, even for tests?
0.02	<a href="#">[link]</a>	Wolfram Data is not available in all locations. It says "Not available in your market"
0.02	<a href="#">[link]</a>	I wish Microsoft would donate the money to charity that they spent paying some i

Top Posts (Click to view)

Total Reactions	Post URL
872	<a href="#">[link]</a>
680	<a href="#">[link]</a>
649	<a href="#">[link]</a>
529	<a href="#">[link]</a>
507	<a href="#">[link]</a>
452	<a href="#">[link]</a>
448	<a href="#">[link]</a>
437	<a href="#">[link]</a>
291	<a href="#">[link]</a>
290	<a href="#">[link]</a>
246	<a href="#">[link]</a>
212	<a href="#">[link]</a>
178	<a href="#">[link]</a>
171	<a href="#">[link]</a>
164	<a href="#">[link]</a>
...	<a href="#">[link]</a>

Data collected since:  
**December 16, 2010**  
Until  
**August 3, 2016**





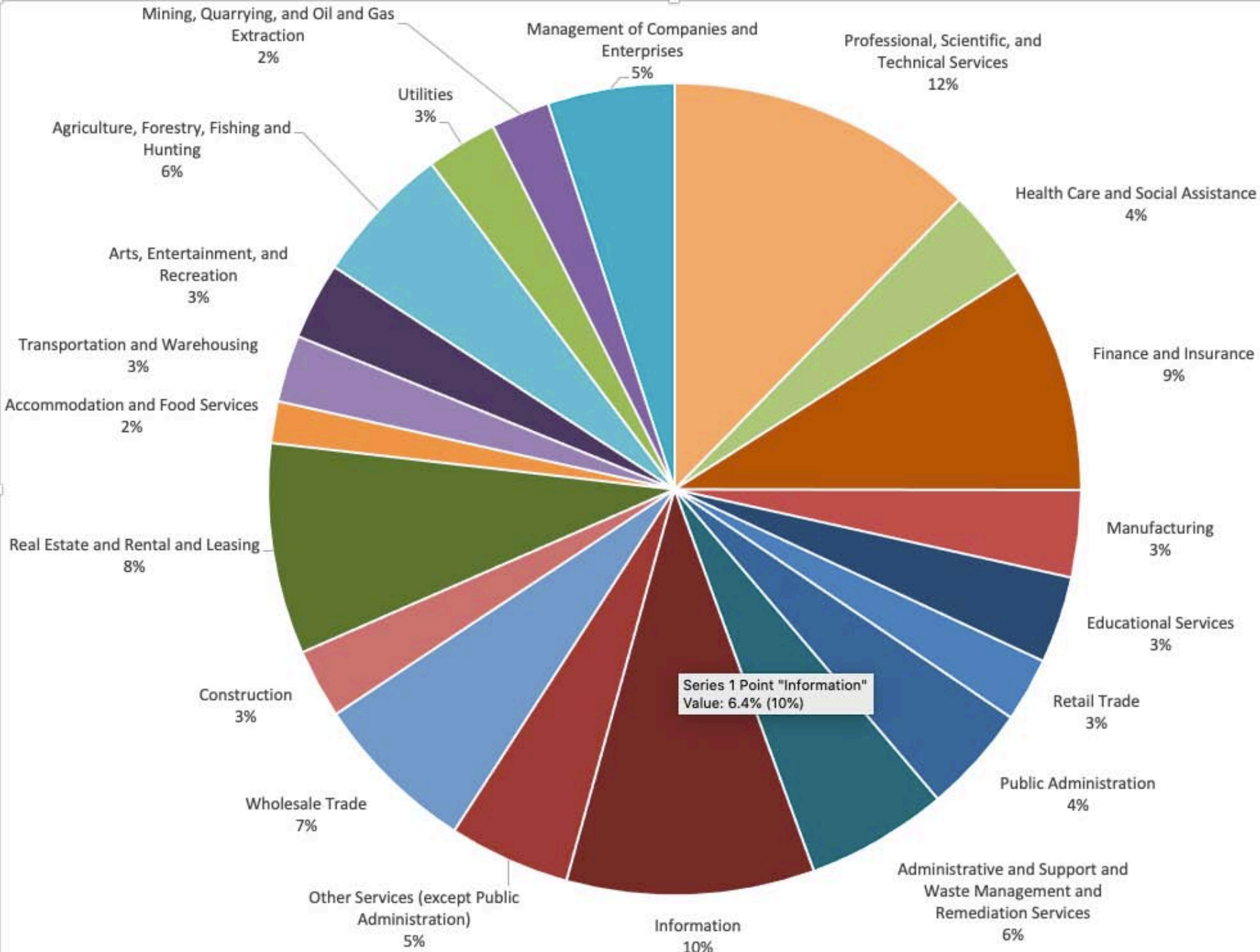
WORK-AT-HOME

TELECOMMUTING

MOBILE WORK

REMOTE WORK







ありがとうございます