



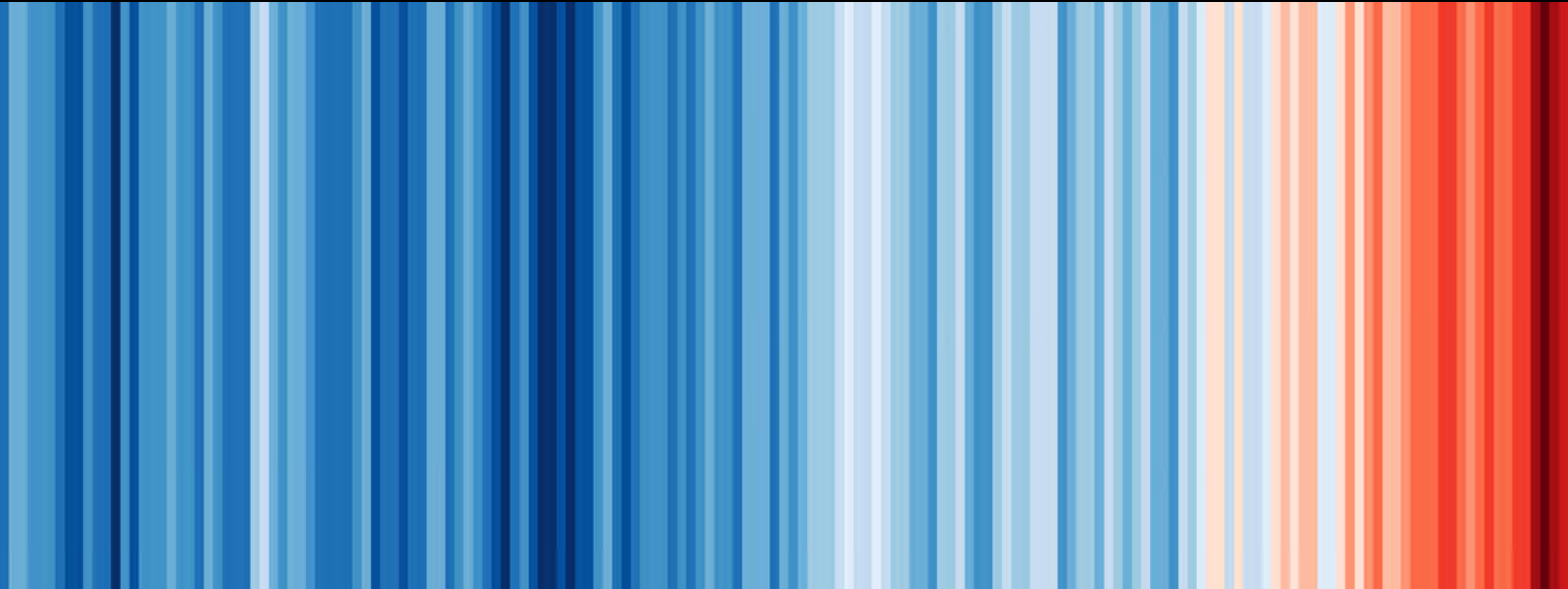
# **Knowledge Design, Data Visualization – Part 1**

Compiled by:

Kim Frederic Albrecht, Filmuniversität Babelsberg KONRAD WOLF

2023-06-06

GEM Camp



# Energie in Deutschland

Aktualisiert am 6. Juni · Zum [Energiemonitor](#)

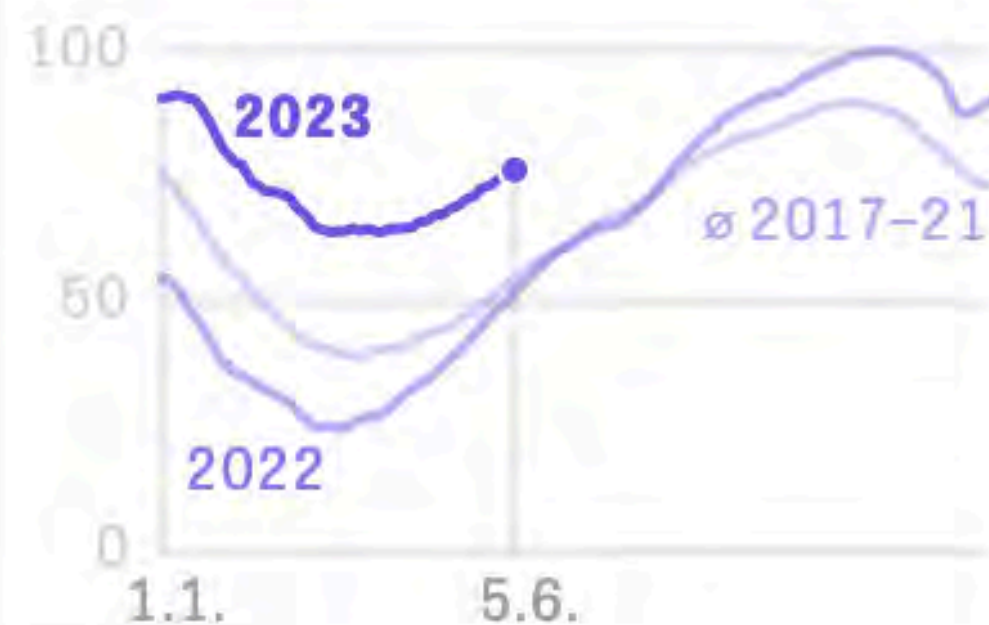
## Füllstand

 **76,2 %**

waren die **Gasspeicher** gestern gefüllt

### Tageswerte

→ **+1,8 %**-Pkt. zur Vorwoche



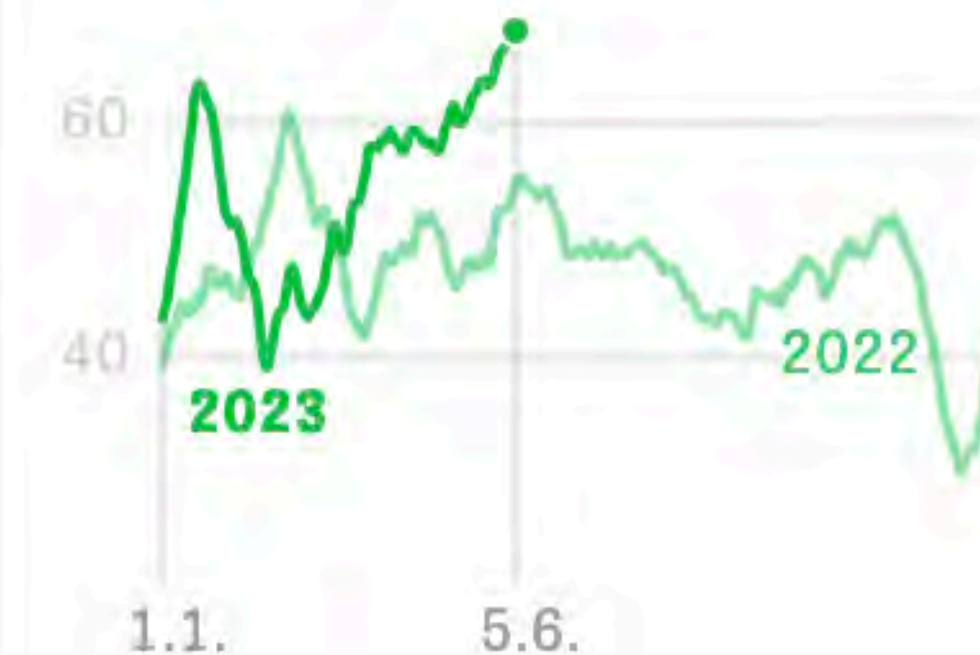
## Erneuerbare

 **65 %**

des Stroms waren gestern **erneuerbar**

**30-Tage-Durchschnitt: 68 %**

→ **+13,3 %**-Pkt. zum Vorjahr



## Energiewende

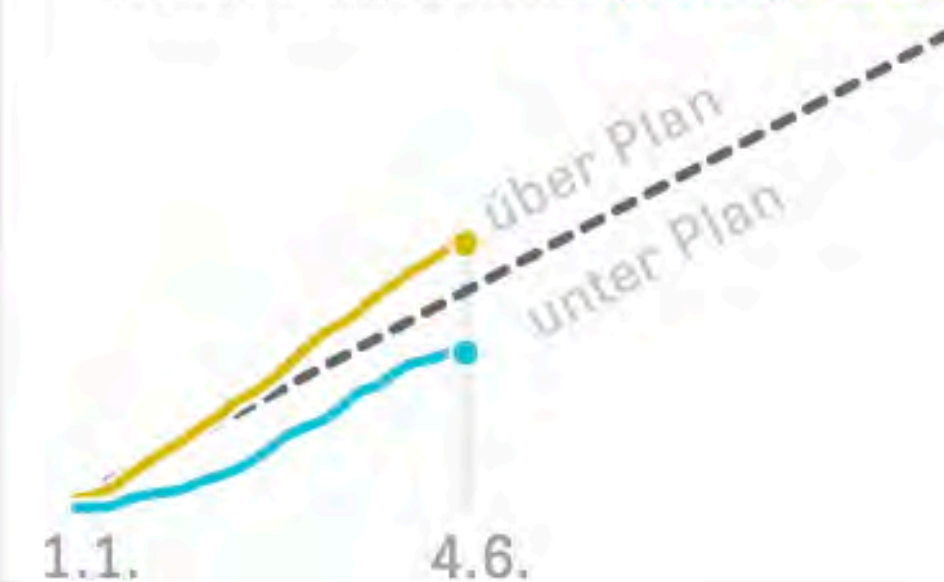
 **31 %**  **53 %**

der **Zubauziele** für **Wind** bzw. **Solar** sind erreicht

Seit Jahresbeginn

→ **-11,2** → **+10,6** zum  
/ Plan

100% Jahresziel: **3,9 GW/9 GW**



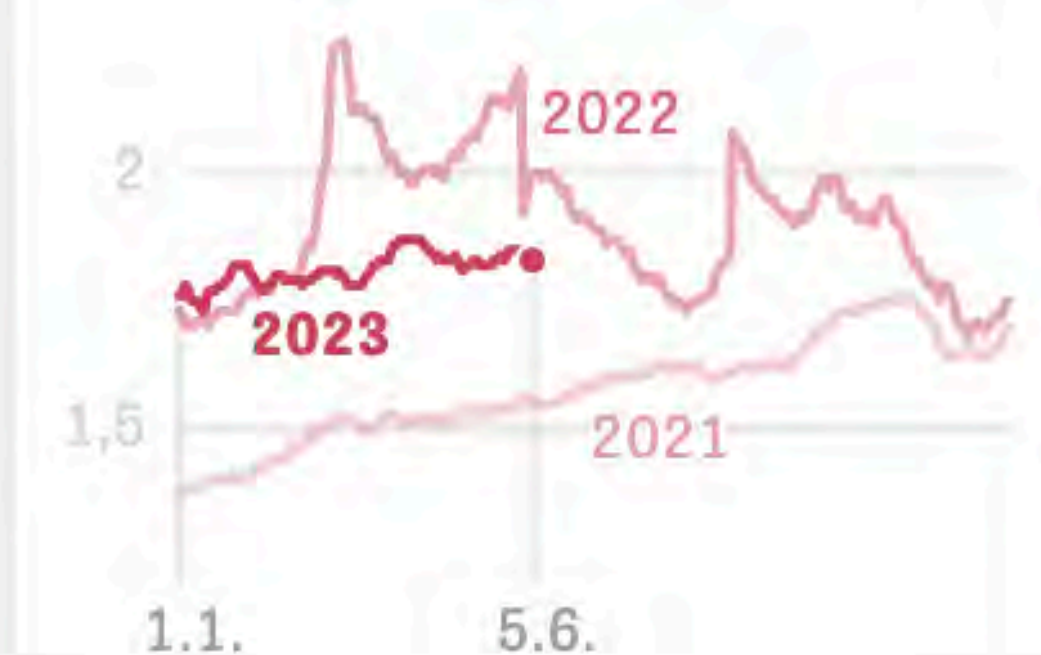
## Spritpreis

 **1,83 €**

kostete ein **Liter Super** gestern im Mittel

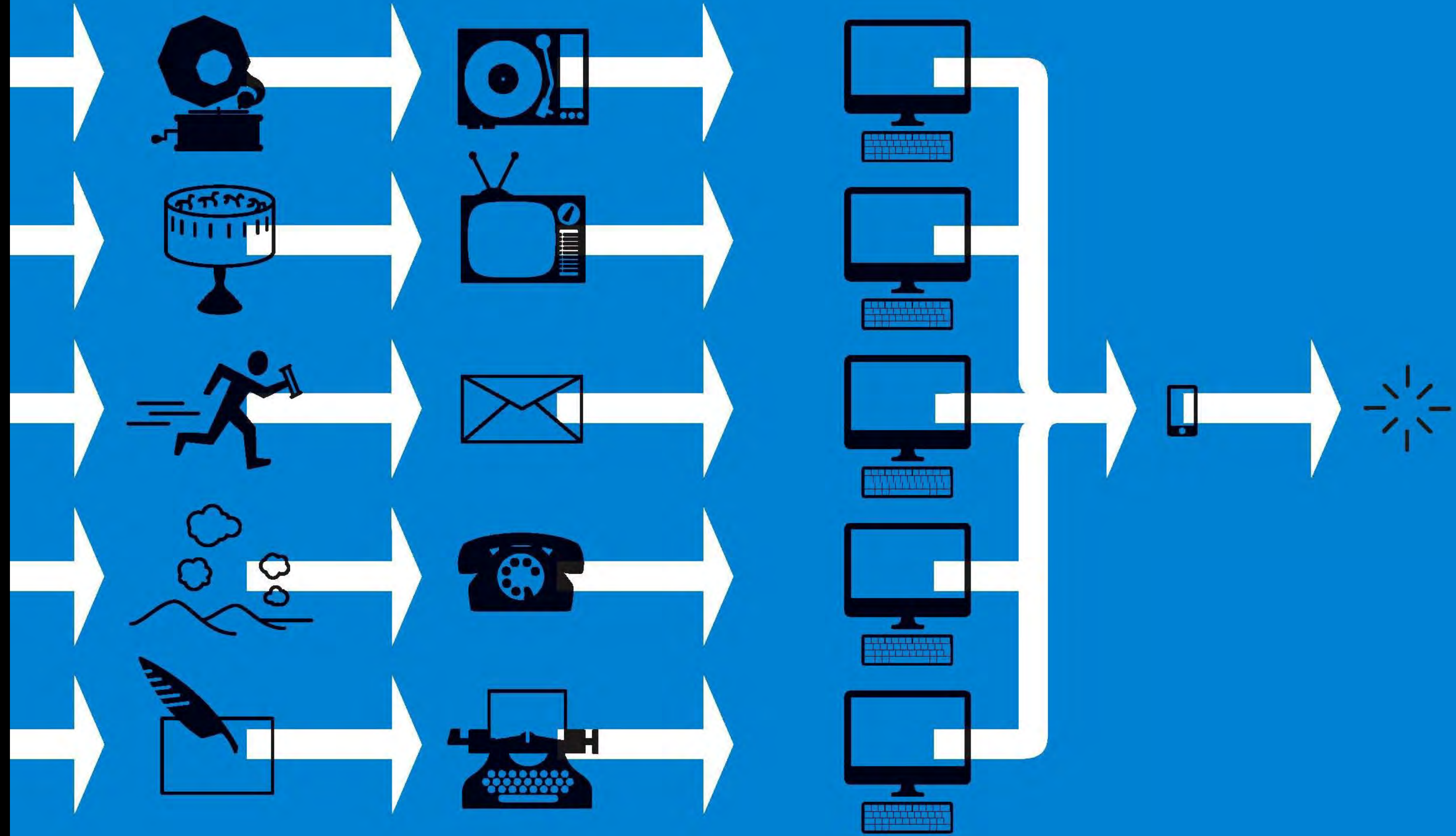
### Tagesmittel

→ **-0,02 €** zur Vorwoche





# convergence

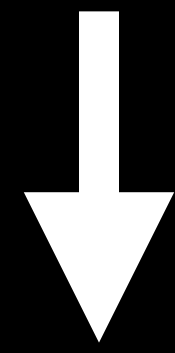




**META MEDIUM**

**DATA**

**DATA**

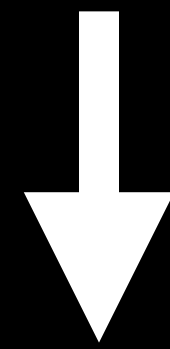


**INFORMATION**



# DATA

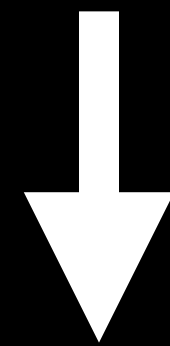
INFORMATIONS DESIGN



# INFORMATION

# DATA

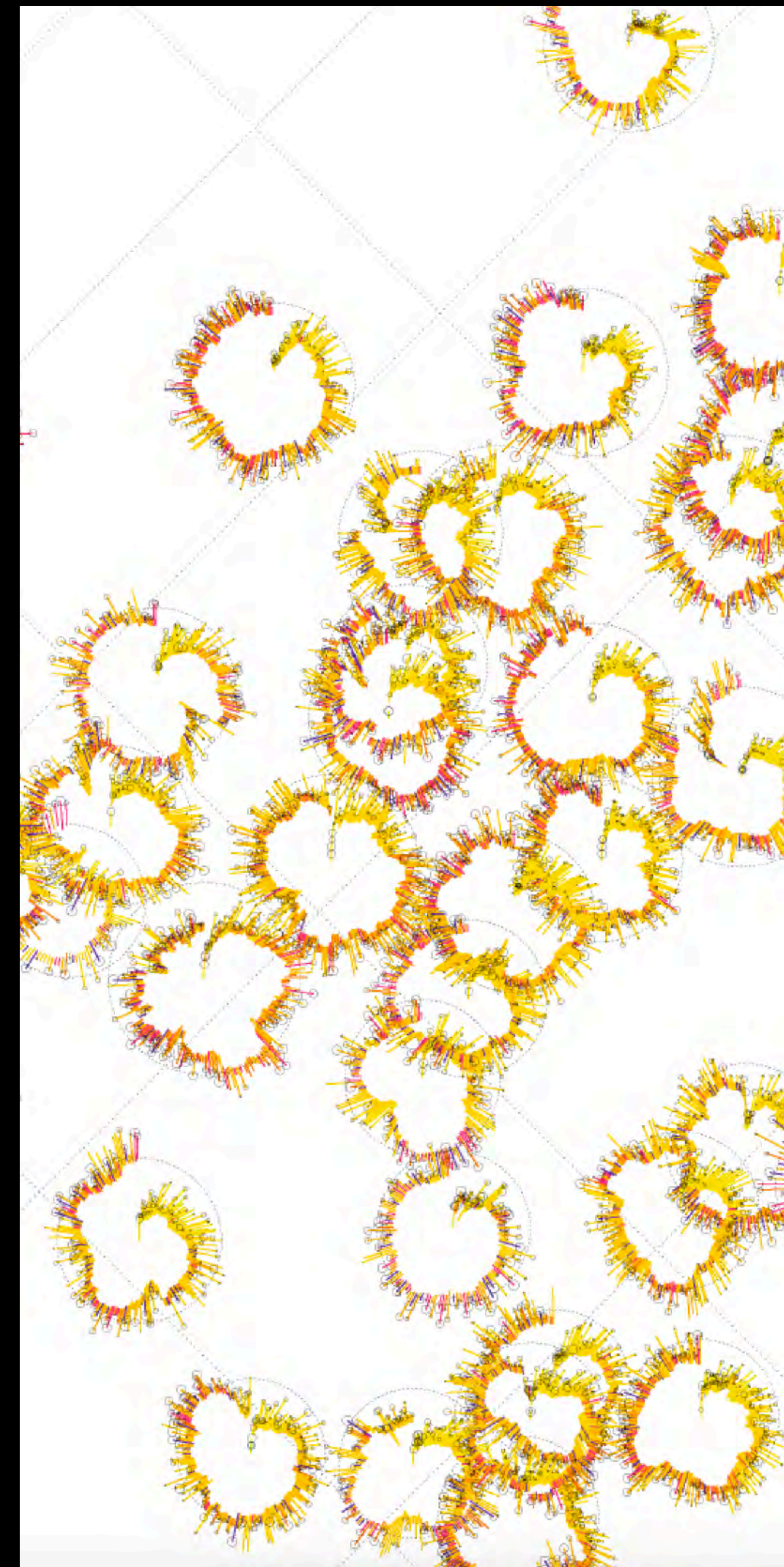
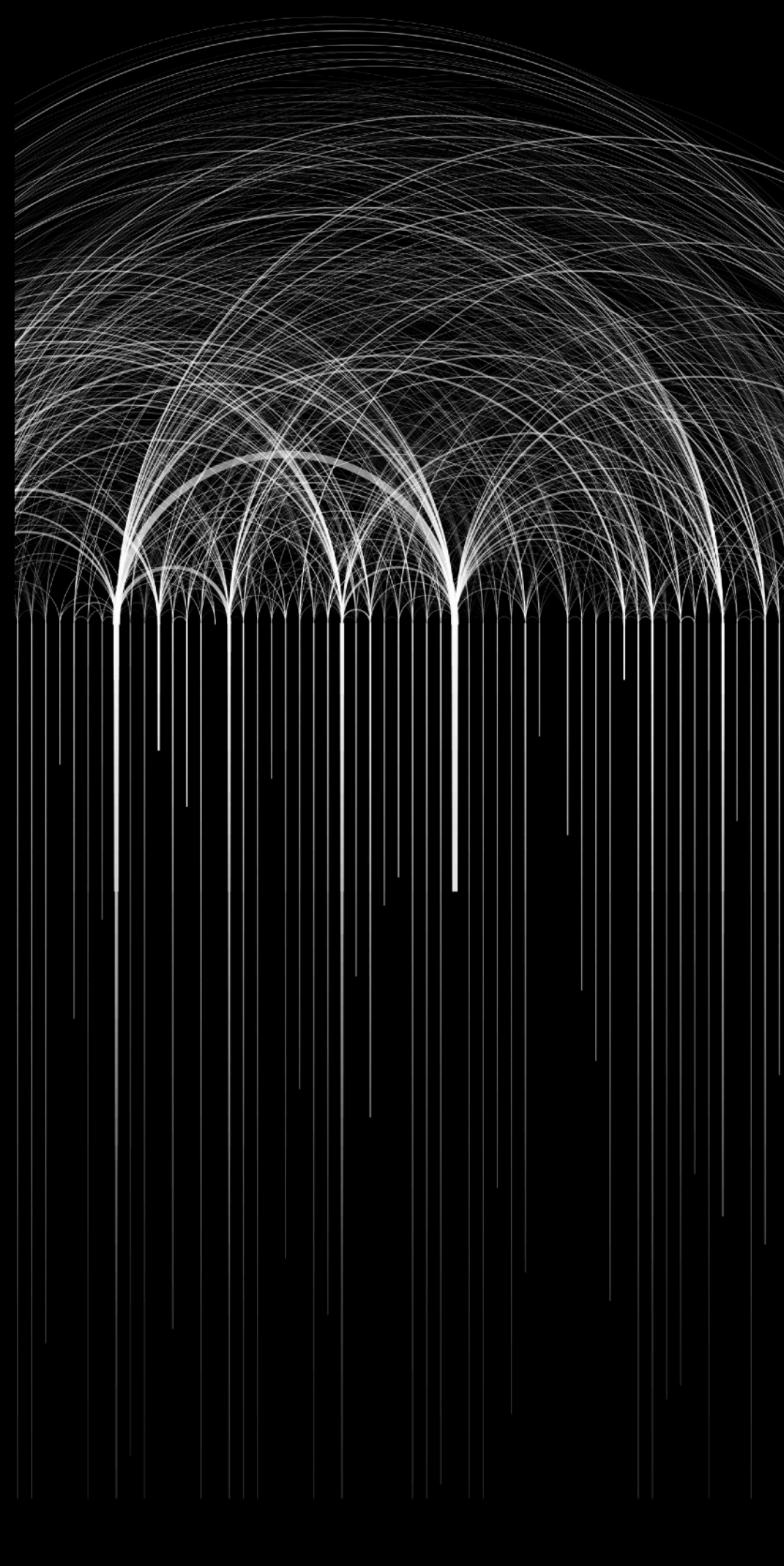
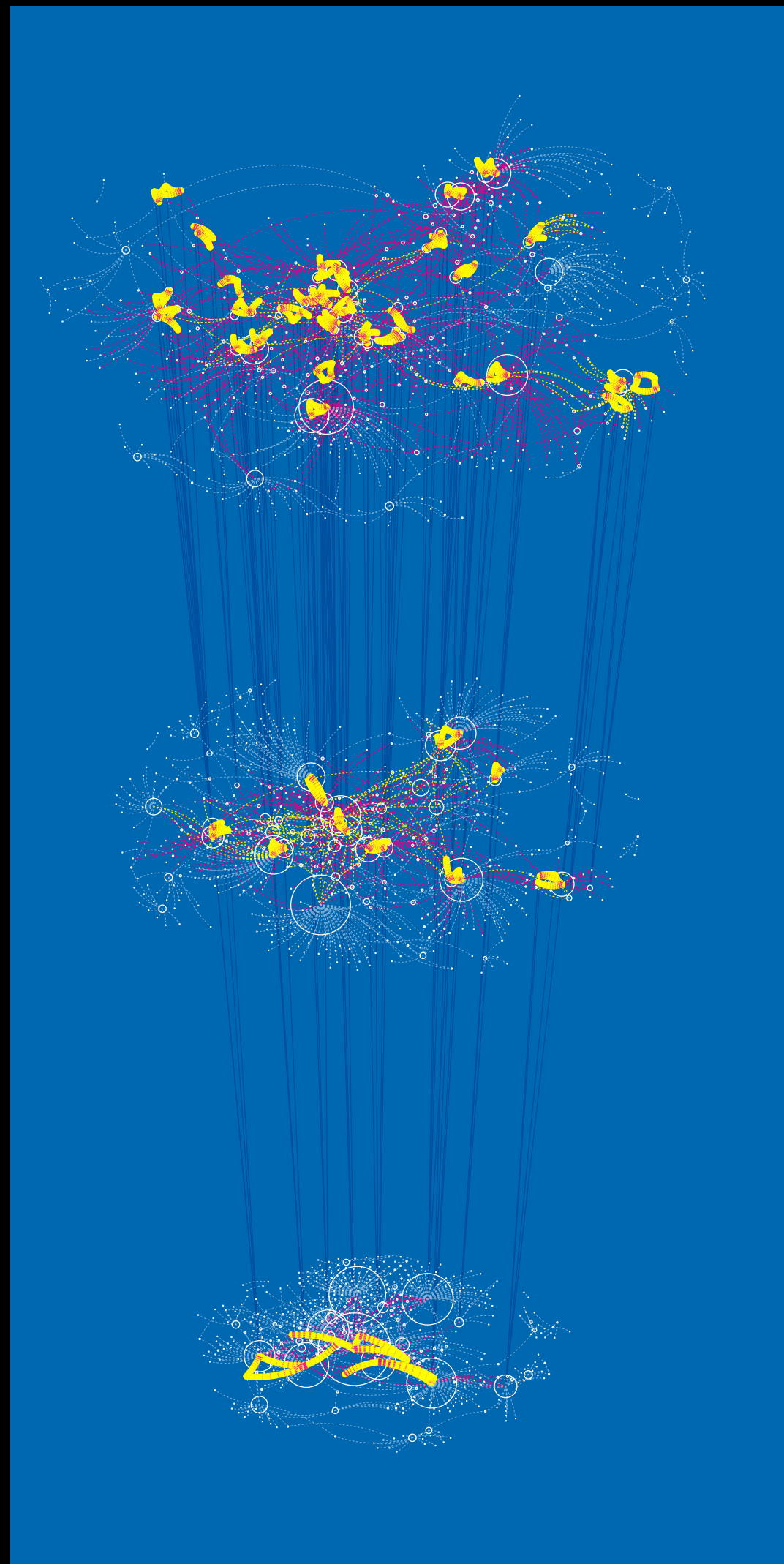
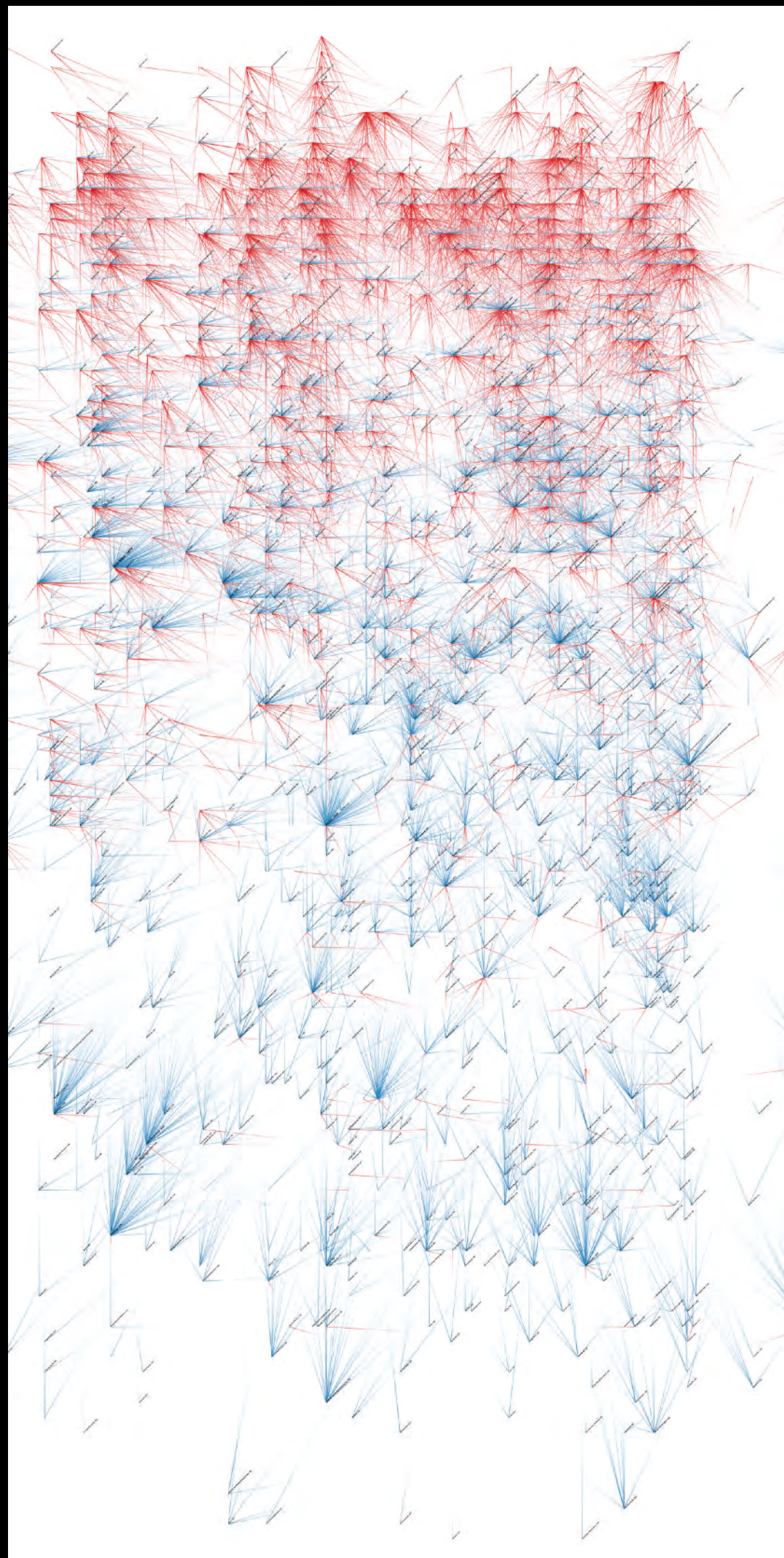
INFORMATIONS DESIGN



# INFORMMATION

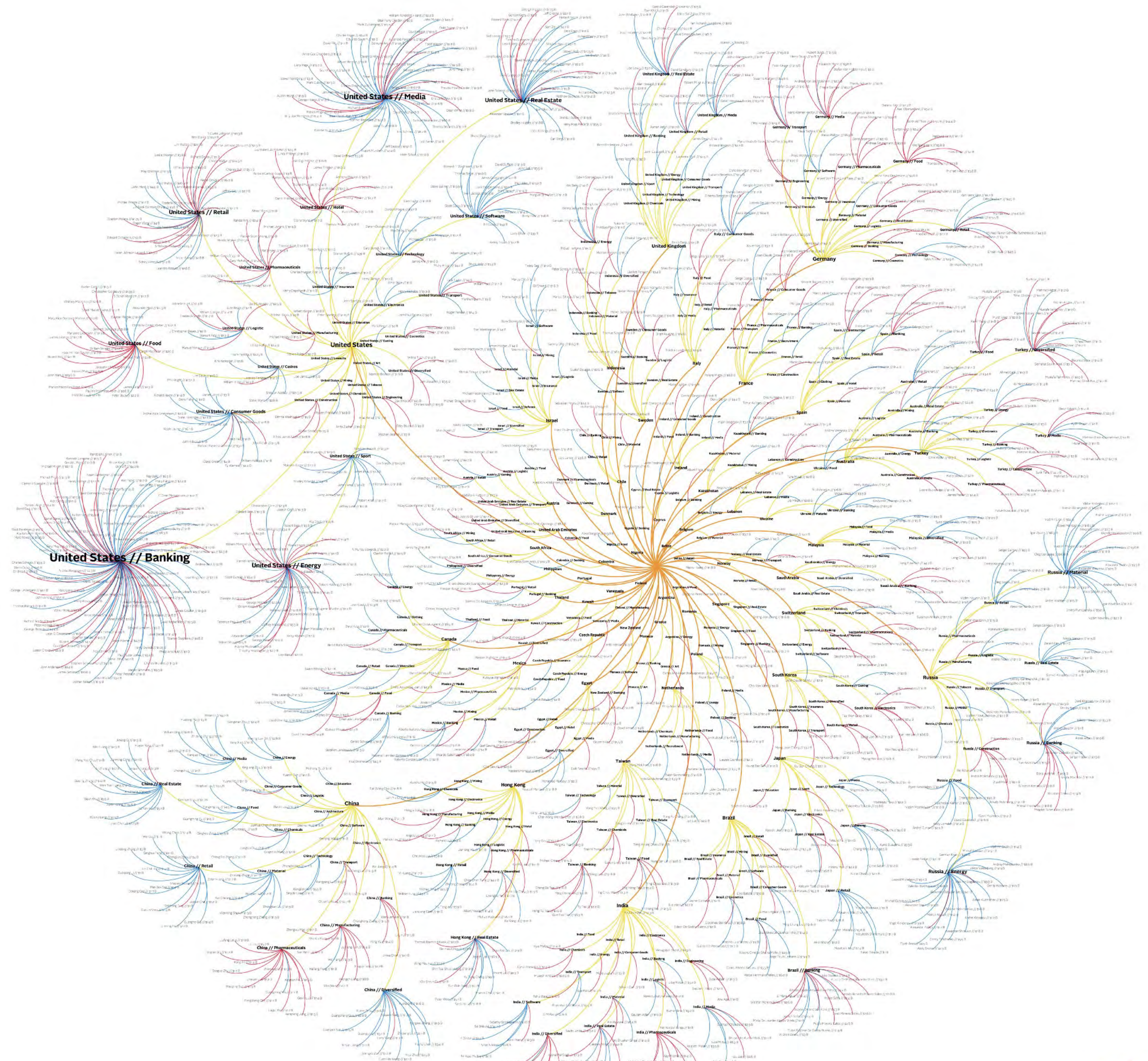


# DATA AESTHETICS





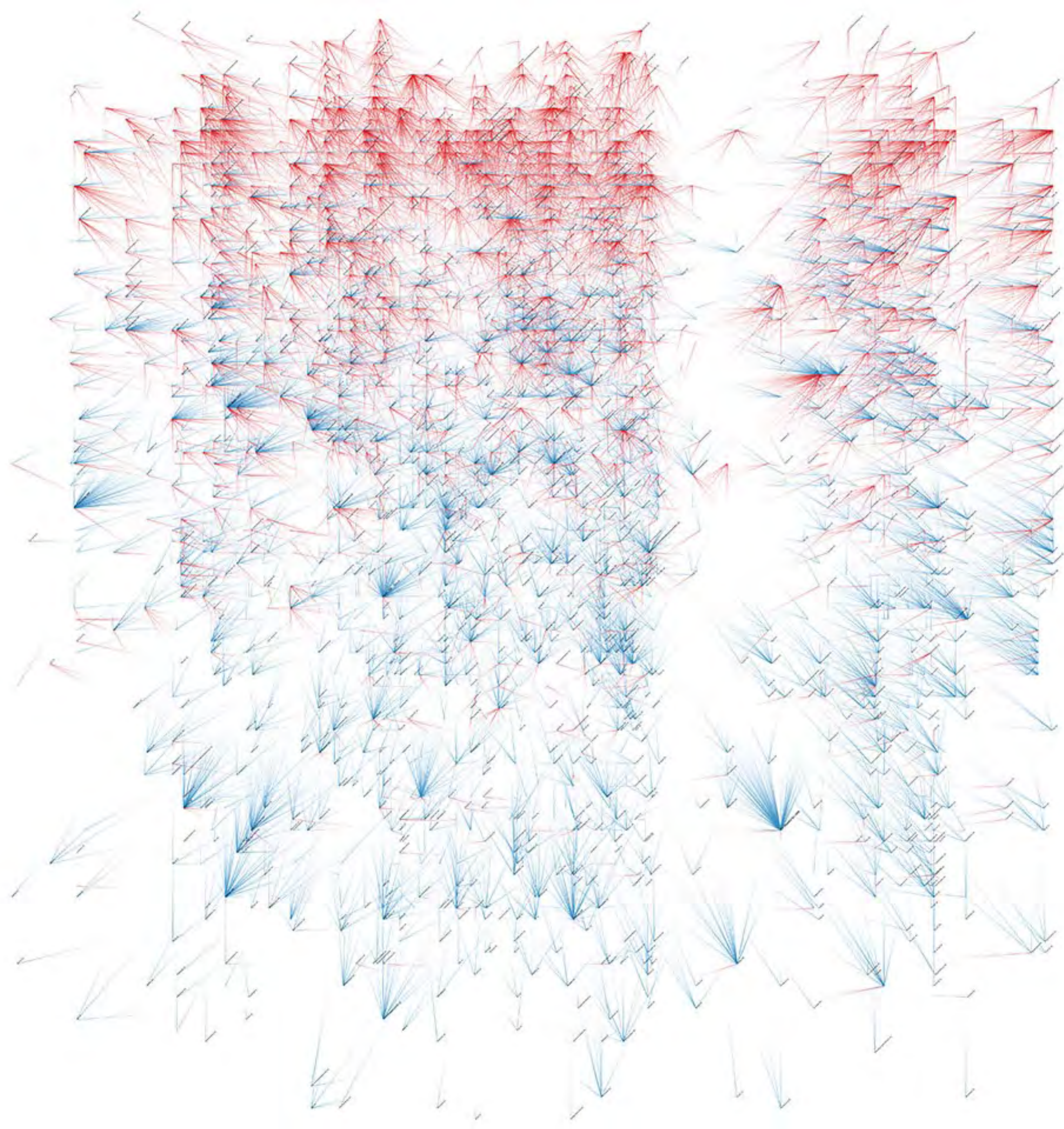
# Billionaires 2012



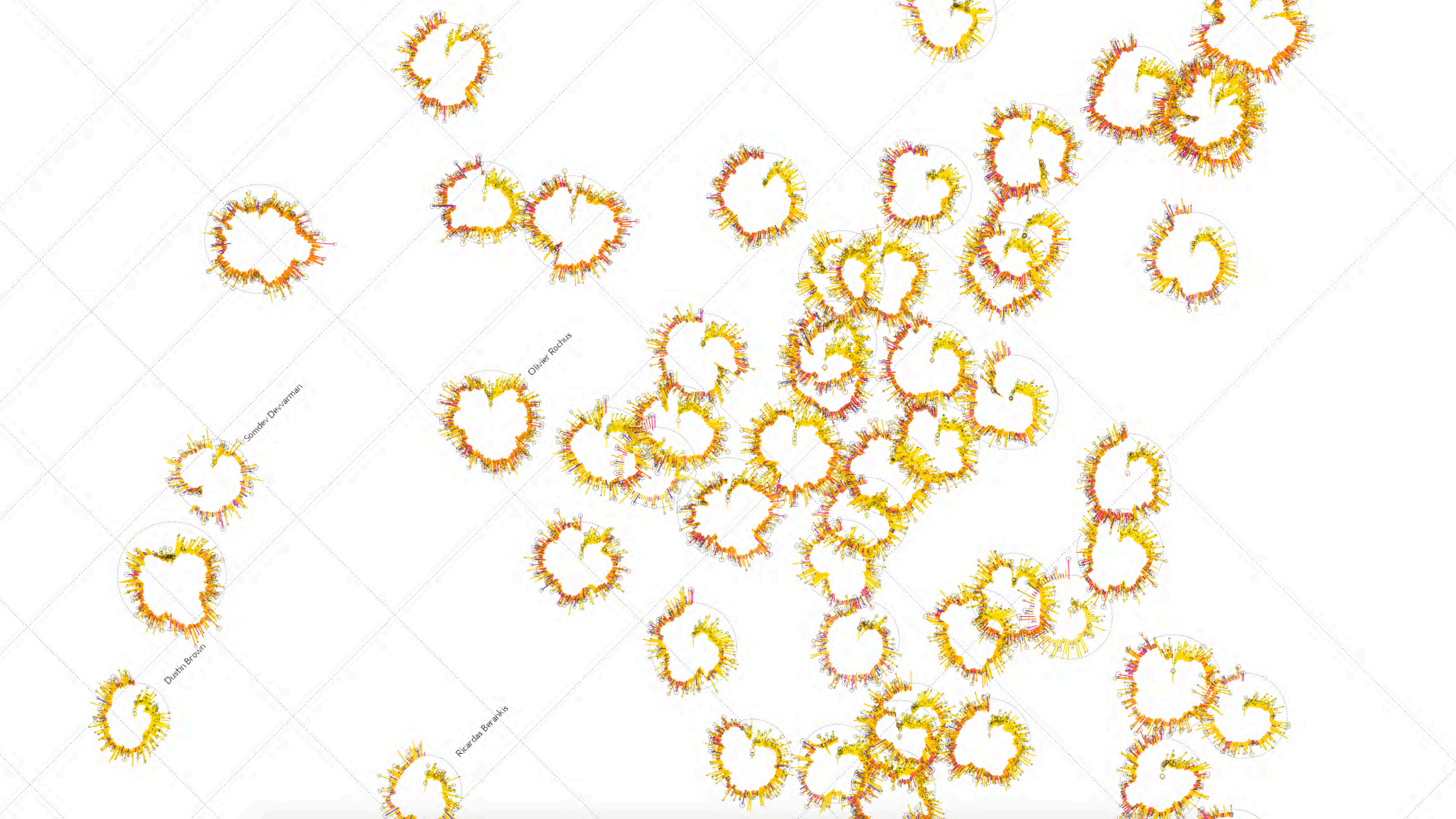












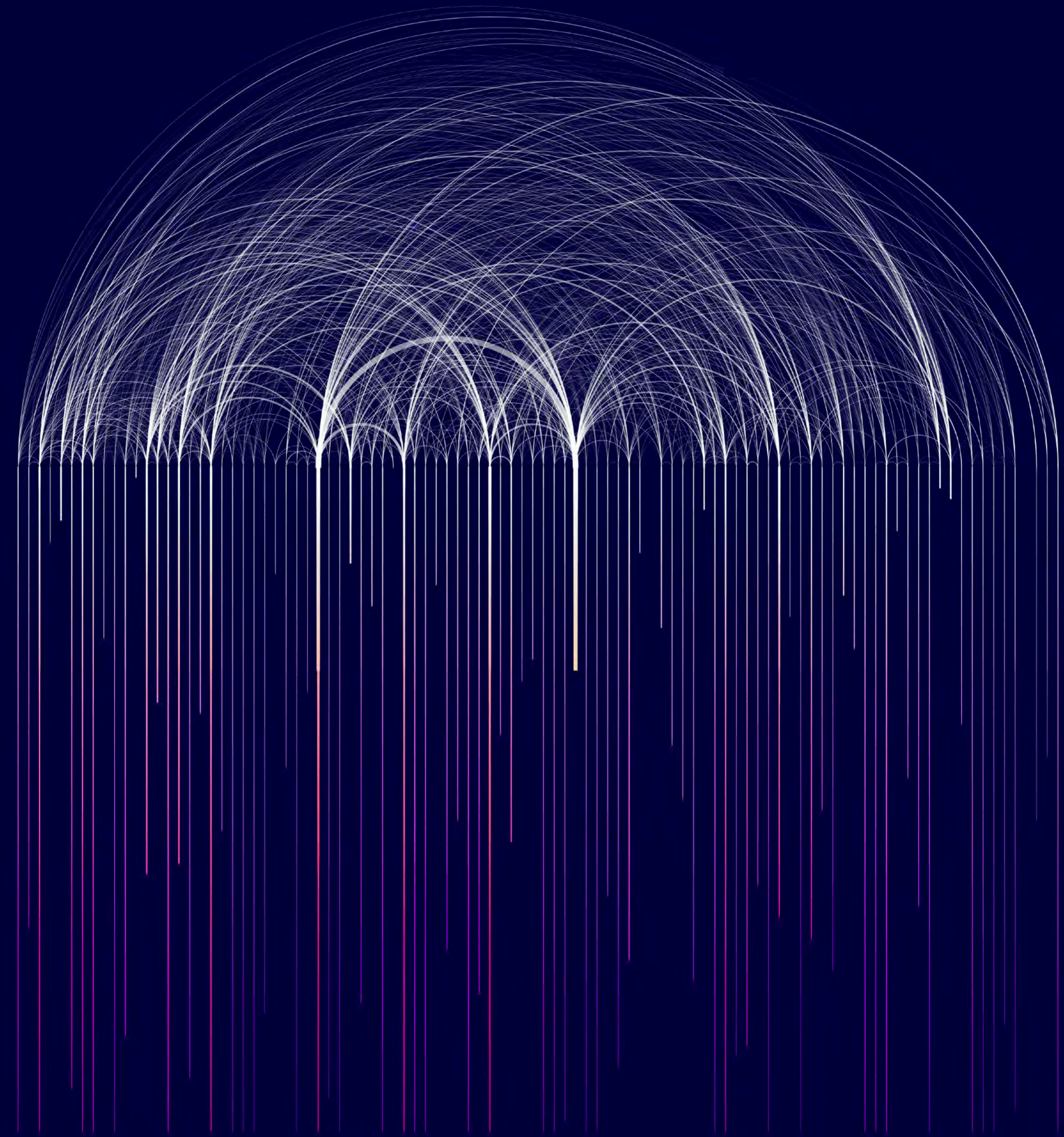
Somdev Deyvarman

Olivier Rochus

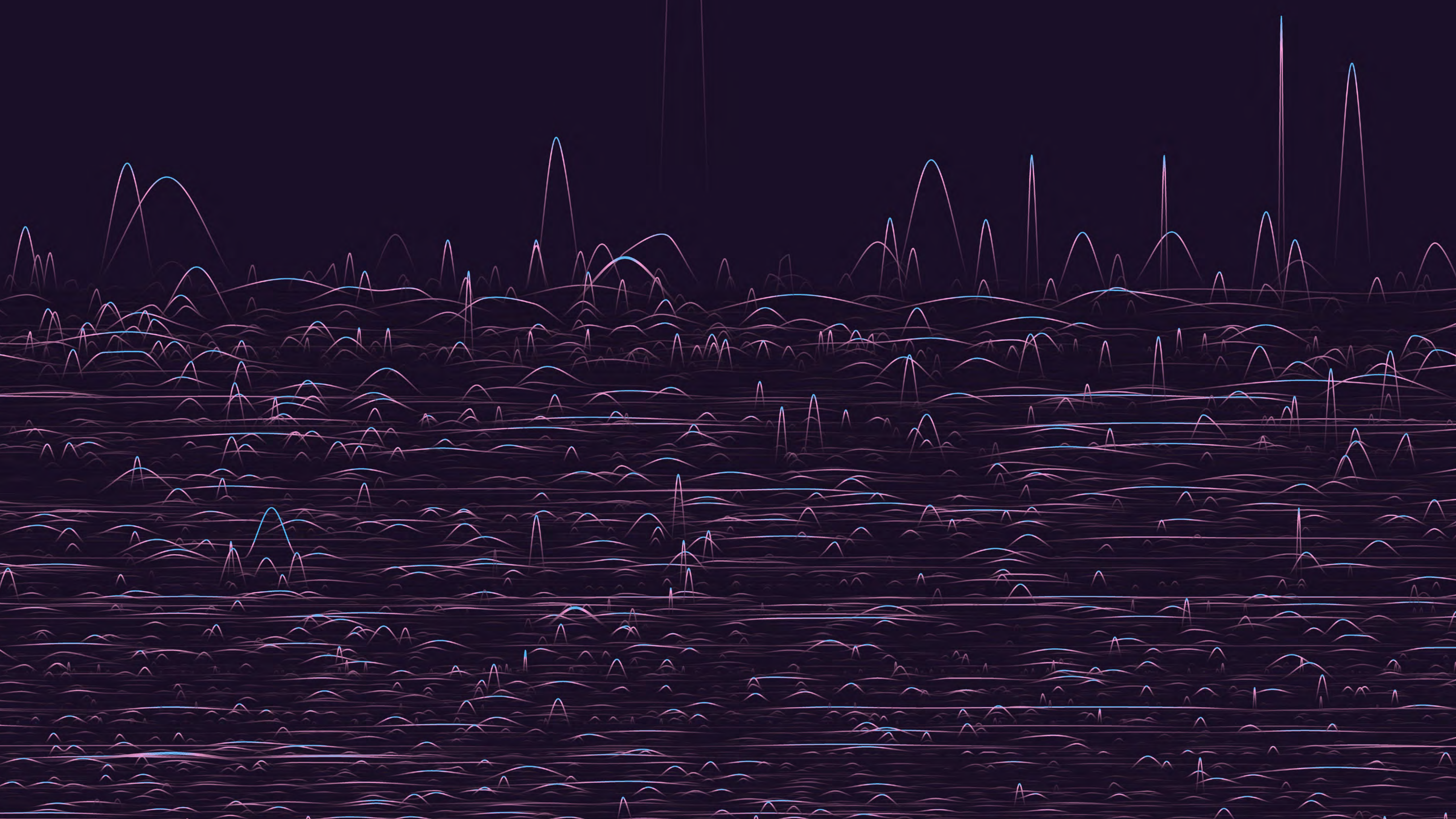
Dustin Brown

Ricardas Berankis





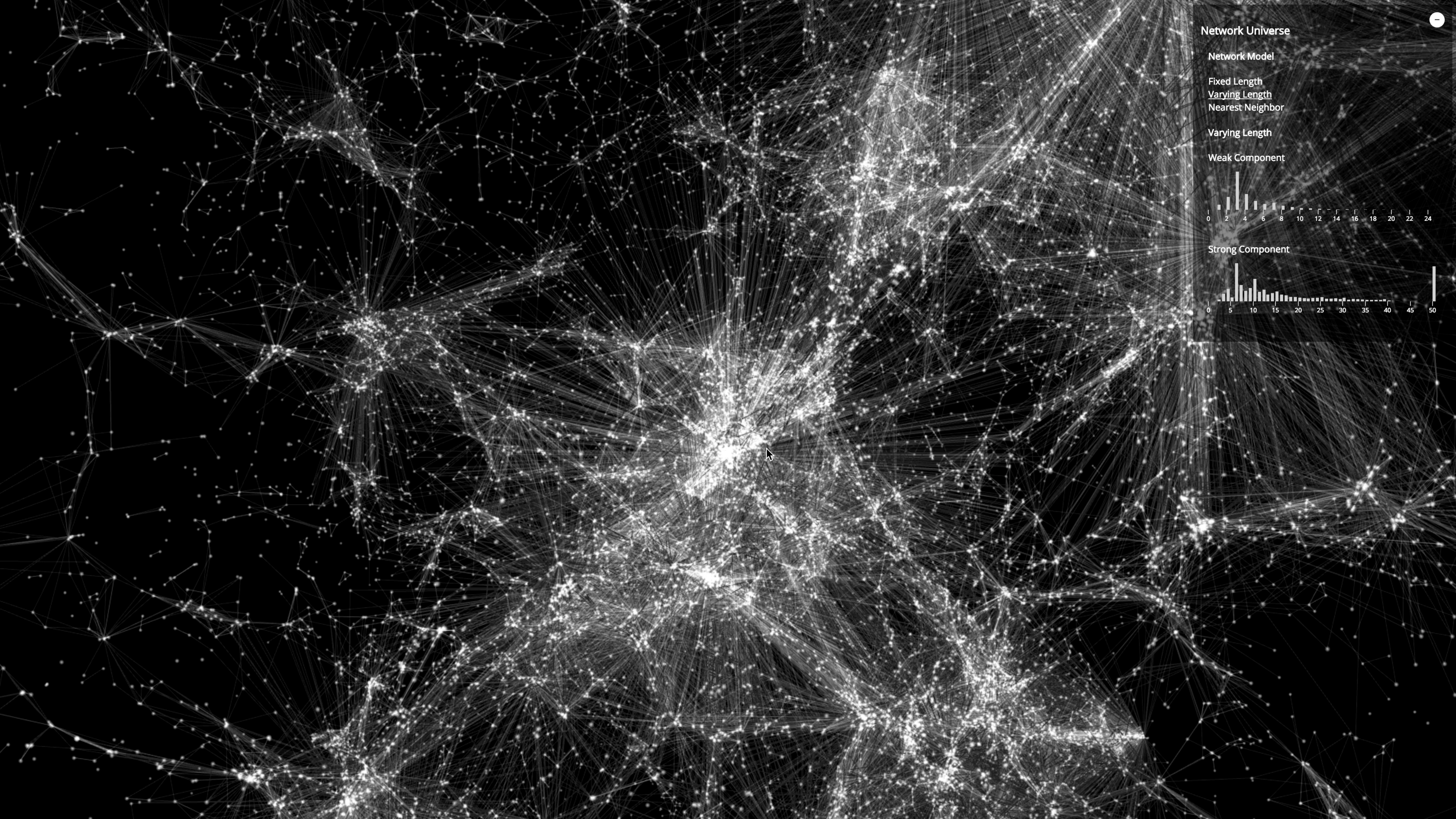












## Network Universe

### Network Model

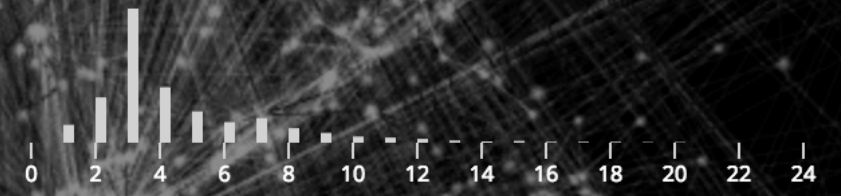
Fixed Length

Varying Length

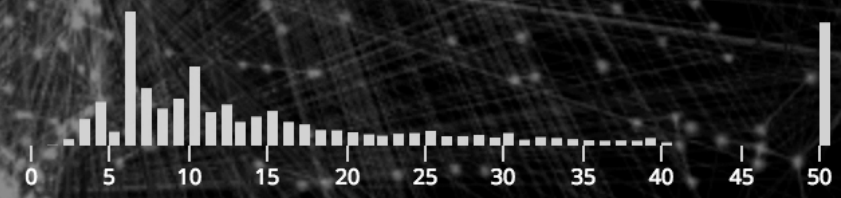
Nearest Neighbor

Varying Length

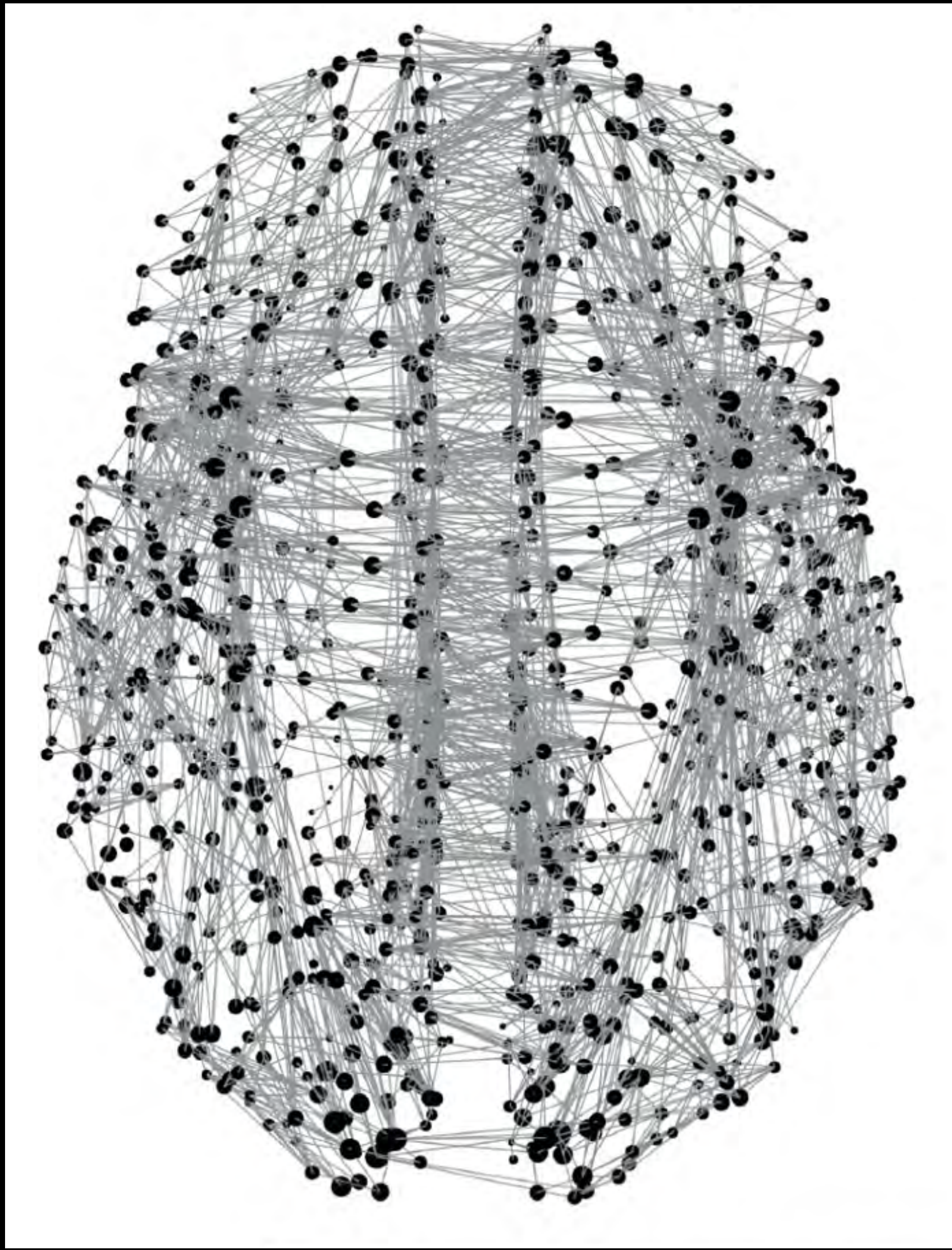
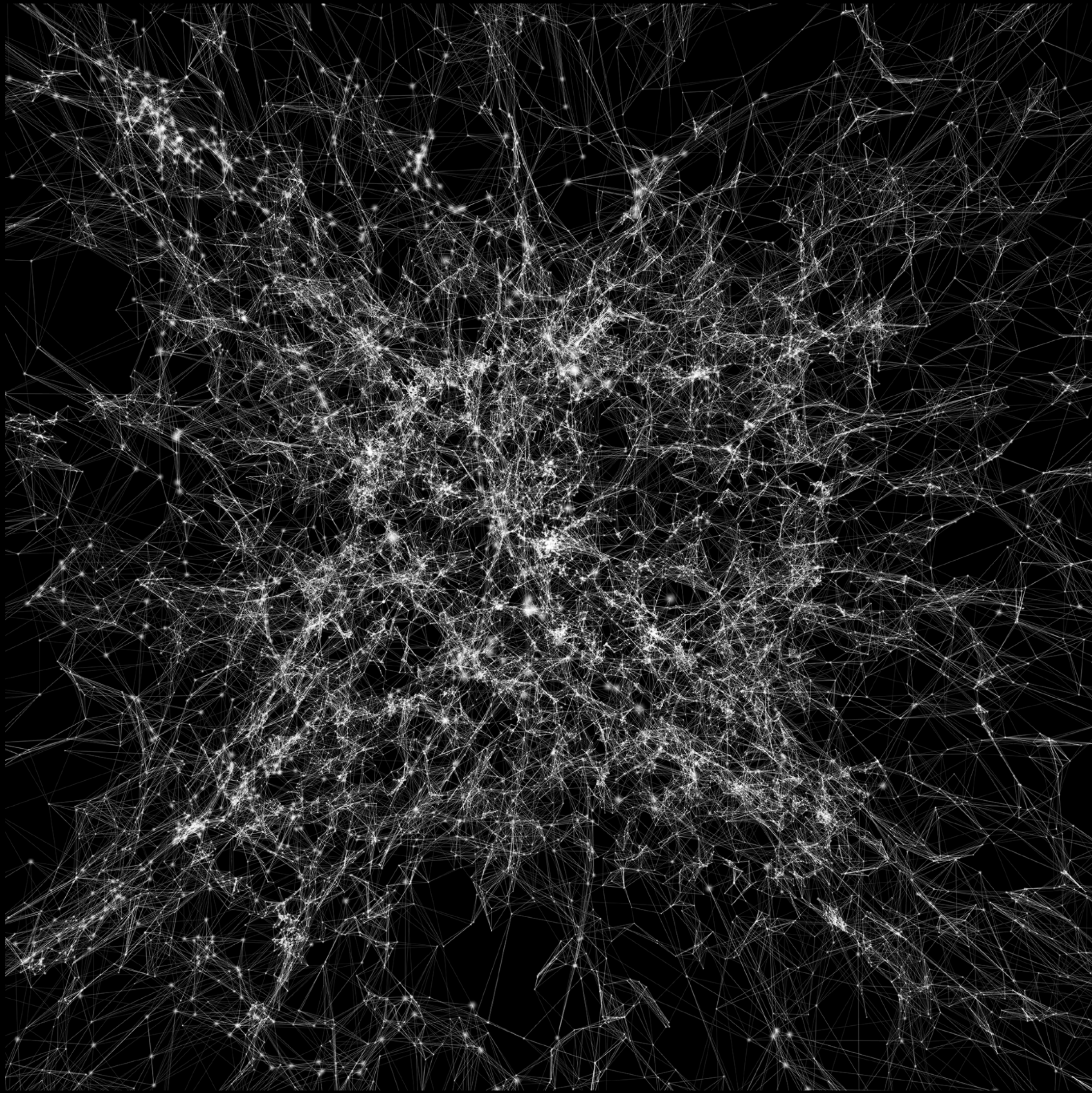
Weak Component



Strong Component





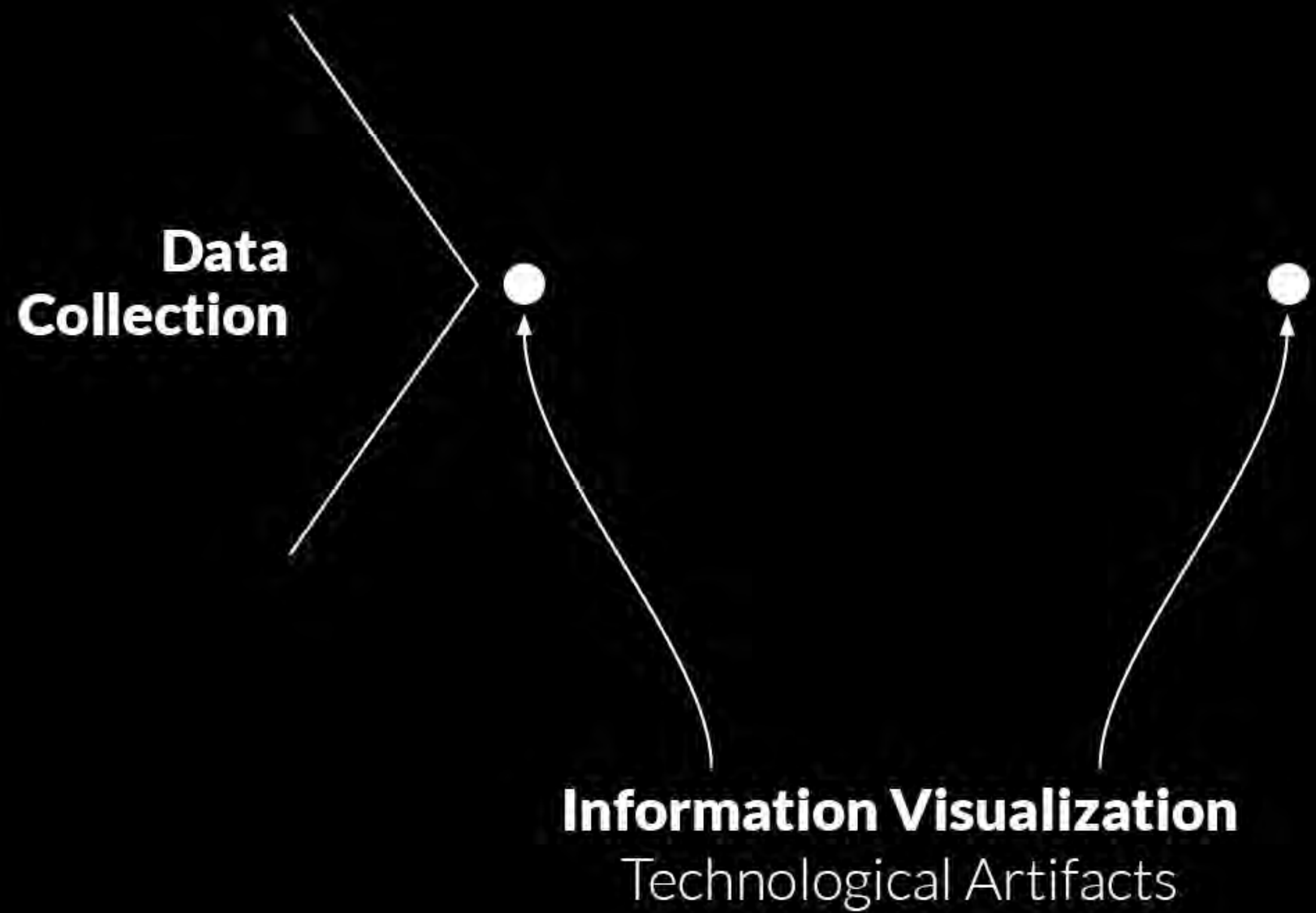


Communication dynamics in complex brain networks  
<https://www.nature.com/articles/nrn.2017.149>





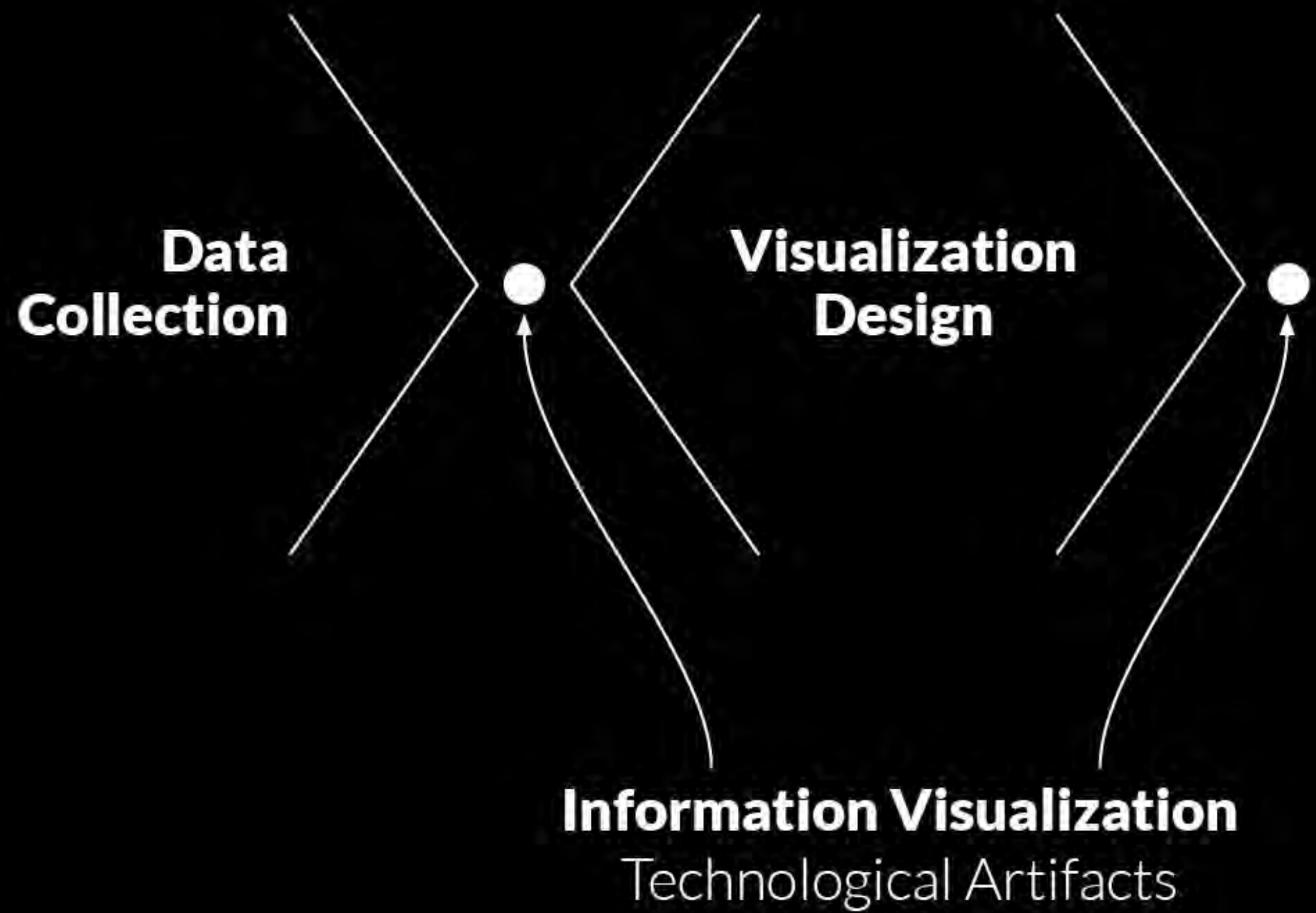
**Information Visualization**  
Technological Artifacts



data - 'given'  
capta - 'taken'

**Johanna Drucker - 2014**

Graphesis: Visual Forms of  
Knowledge Production

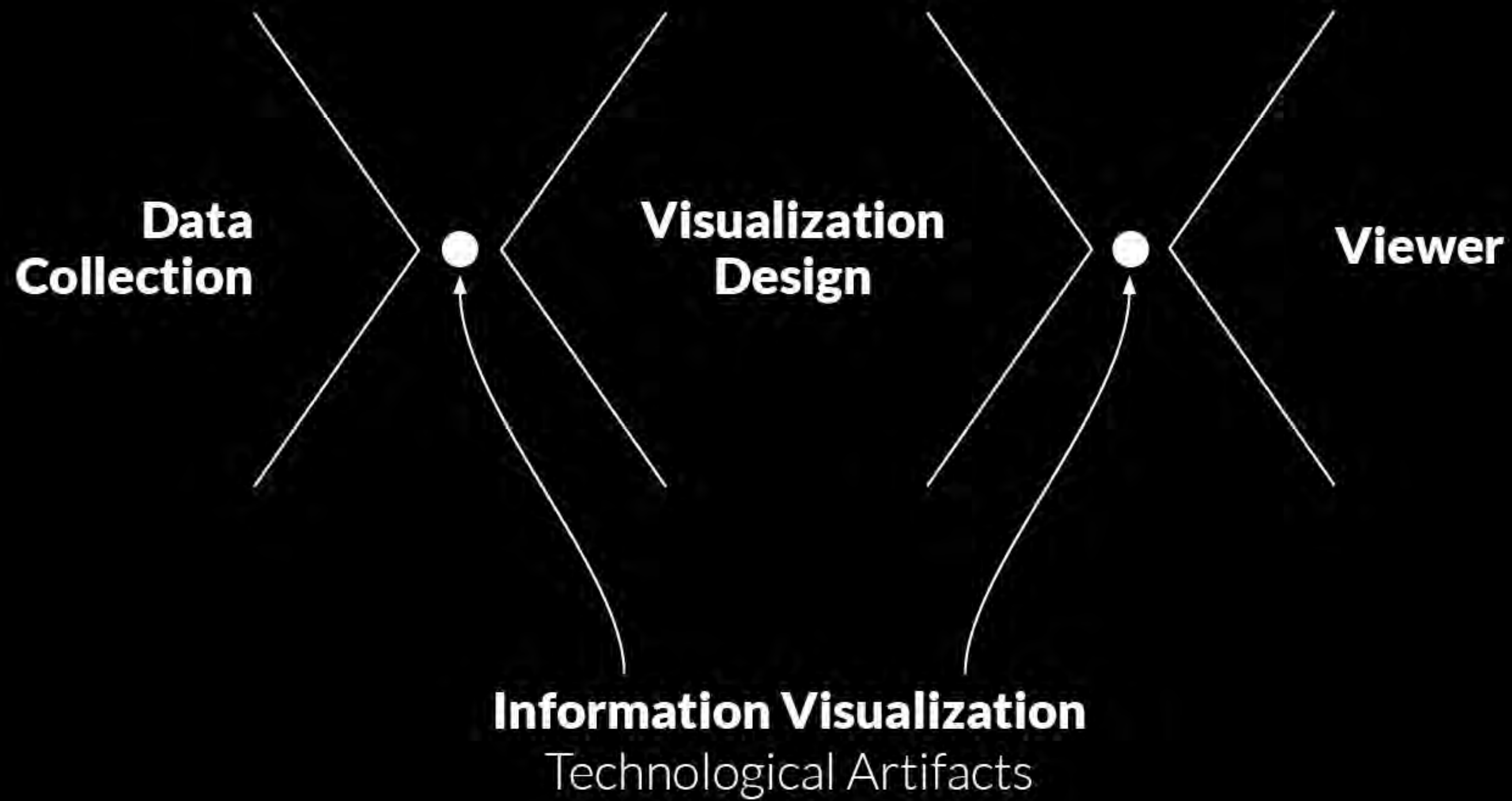




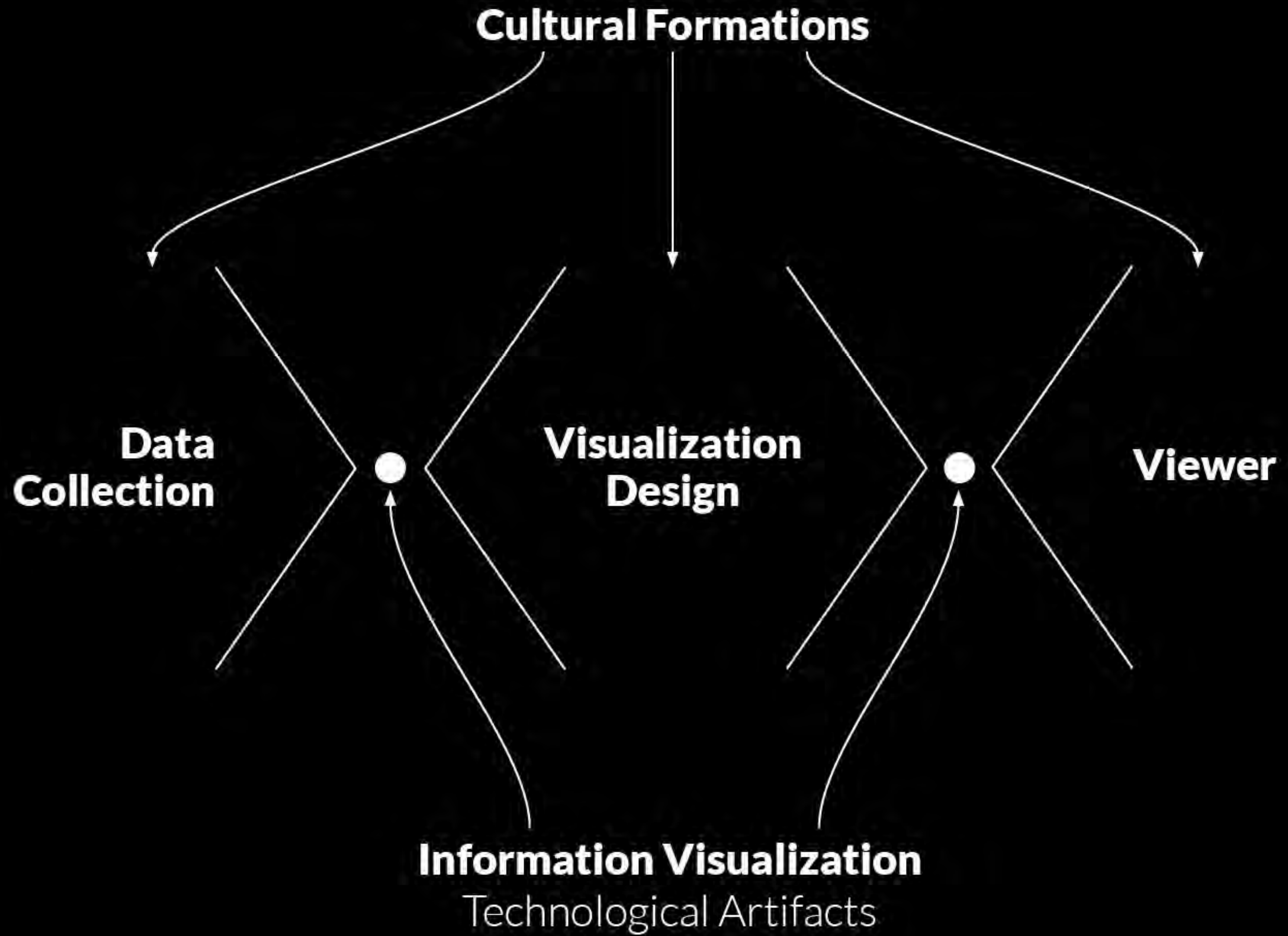
“We must have images;  
we cannot have images.”

**Peter Galison - 2006**

Images scatter into data,  
data gather into images







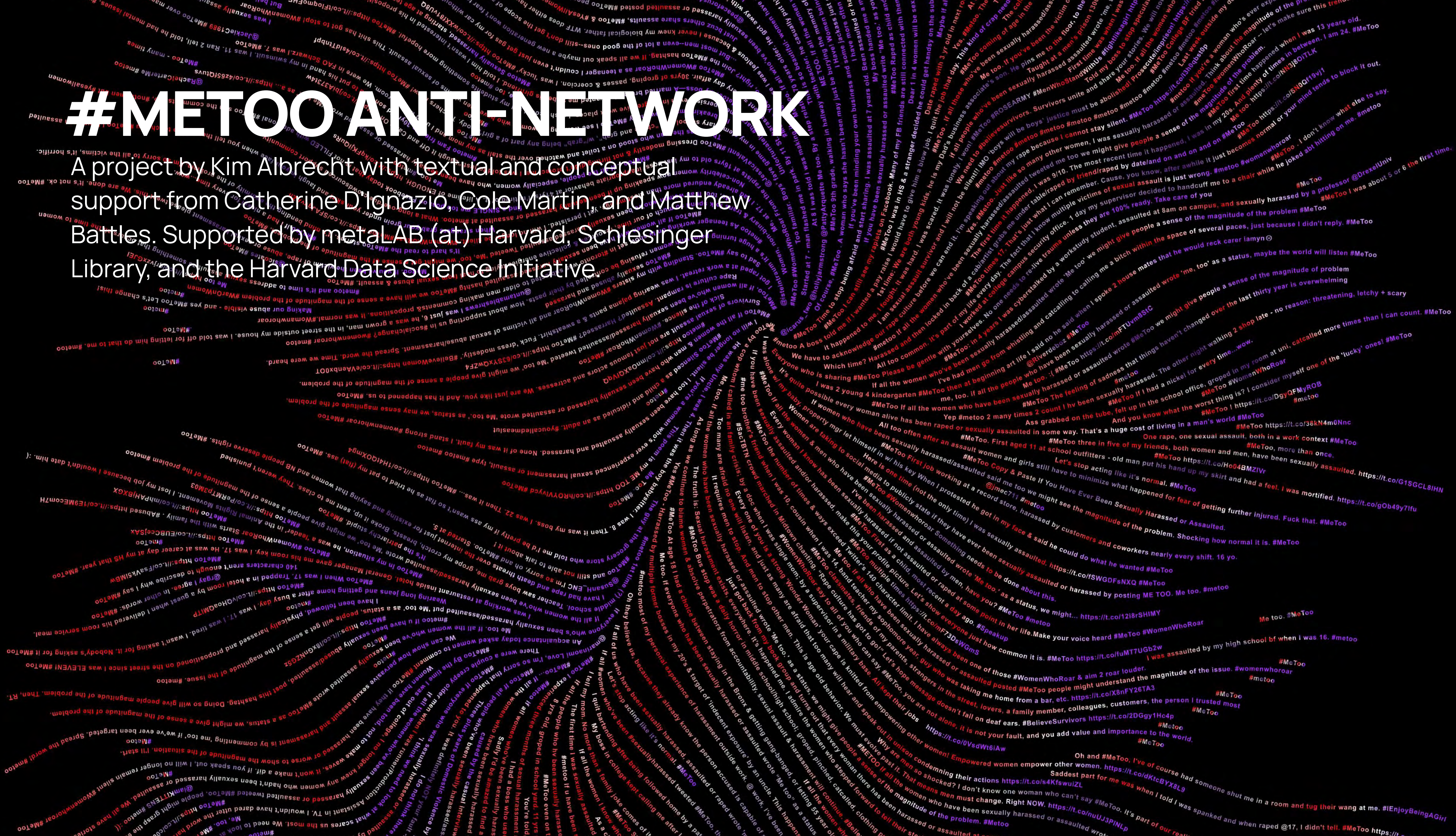
“It’s how we make  
sense of the world  
not how it is.”

**William Kentridge**

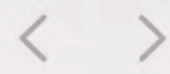


# #METOO ANTI-NETWORK

A project by Kim Albrecht with textual and conceptual support from Catherine Dignazio, Cole Martin, and Matthew Battles. Supported by metaLAB (at) Harvard, Schlesinger Library, and the Harvard Data Science Initiative







schlesinger-metoo-project-radcliffe.org



## Ethics

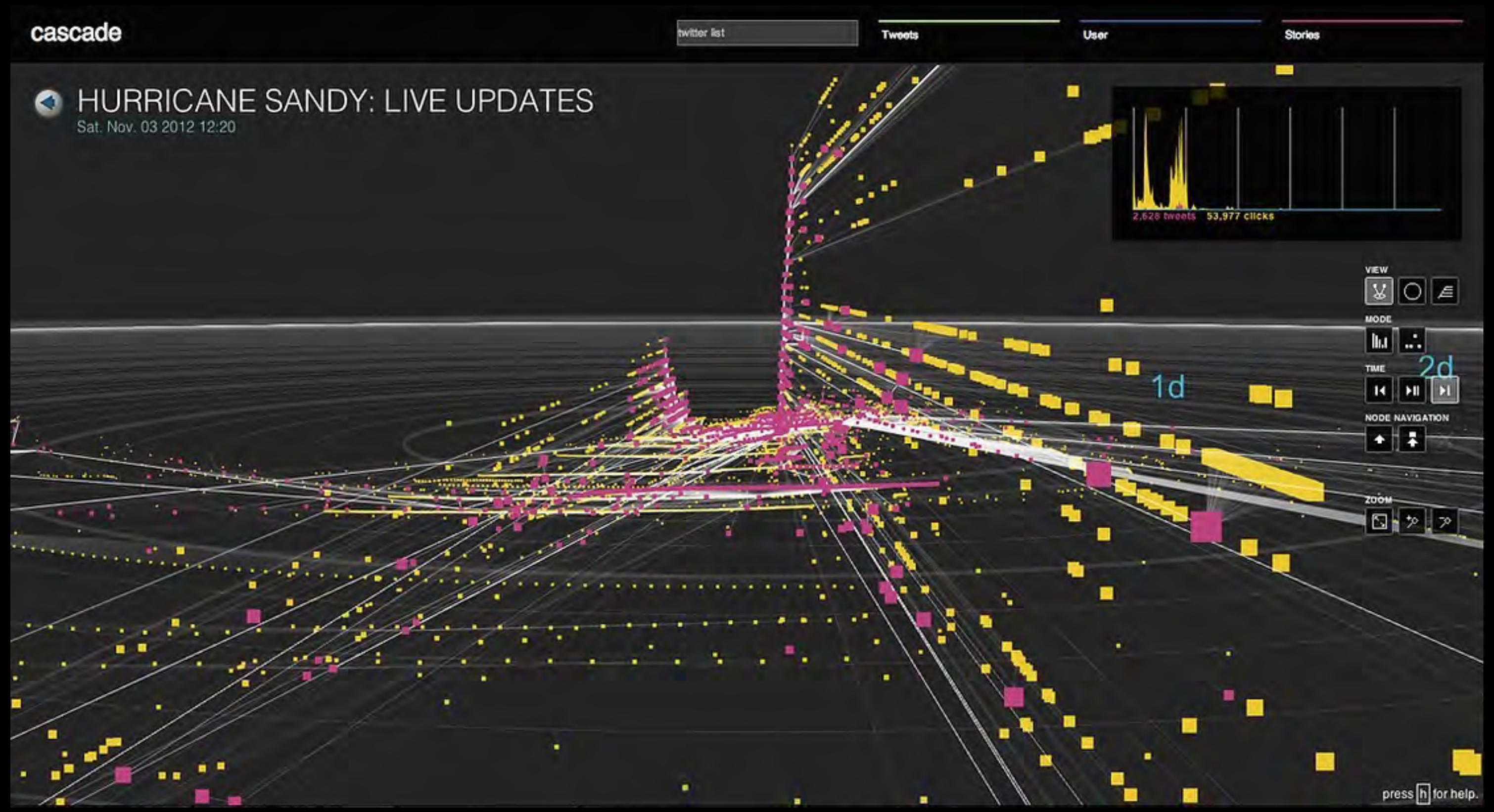
### Collecting, Understanding, and Using the Data

Learn more about the ethics statement guiding the project, our recommendations on the ethical use of this data, and the scholarship that shaped how we approach our work.

LEARN MORE







<https://www.jerthorp.com/cascade>





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