

Dario Rodighiero

Representing Scientific Communities

Second Lecture – Design Applied

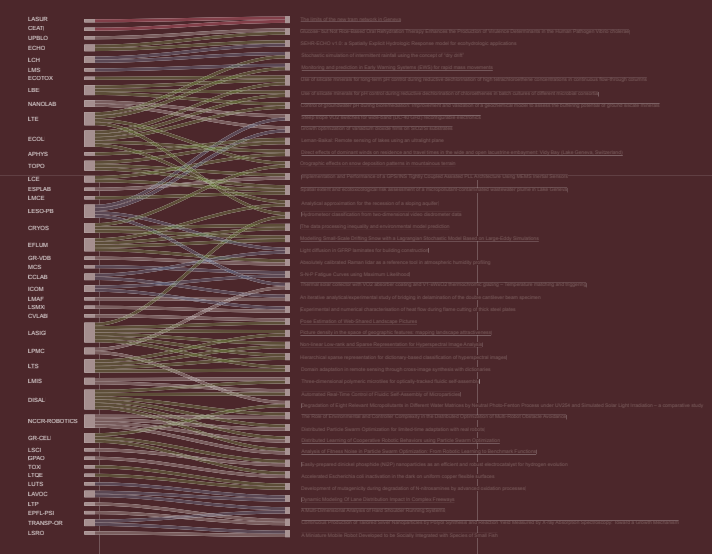
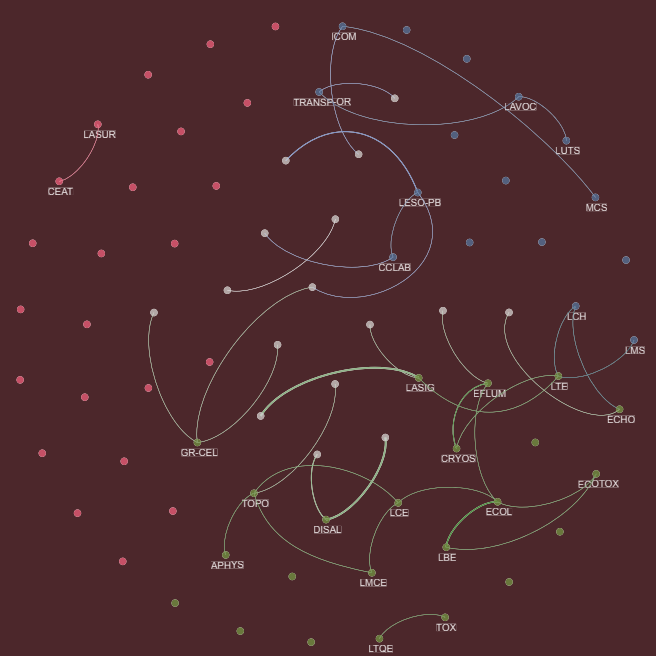
Today

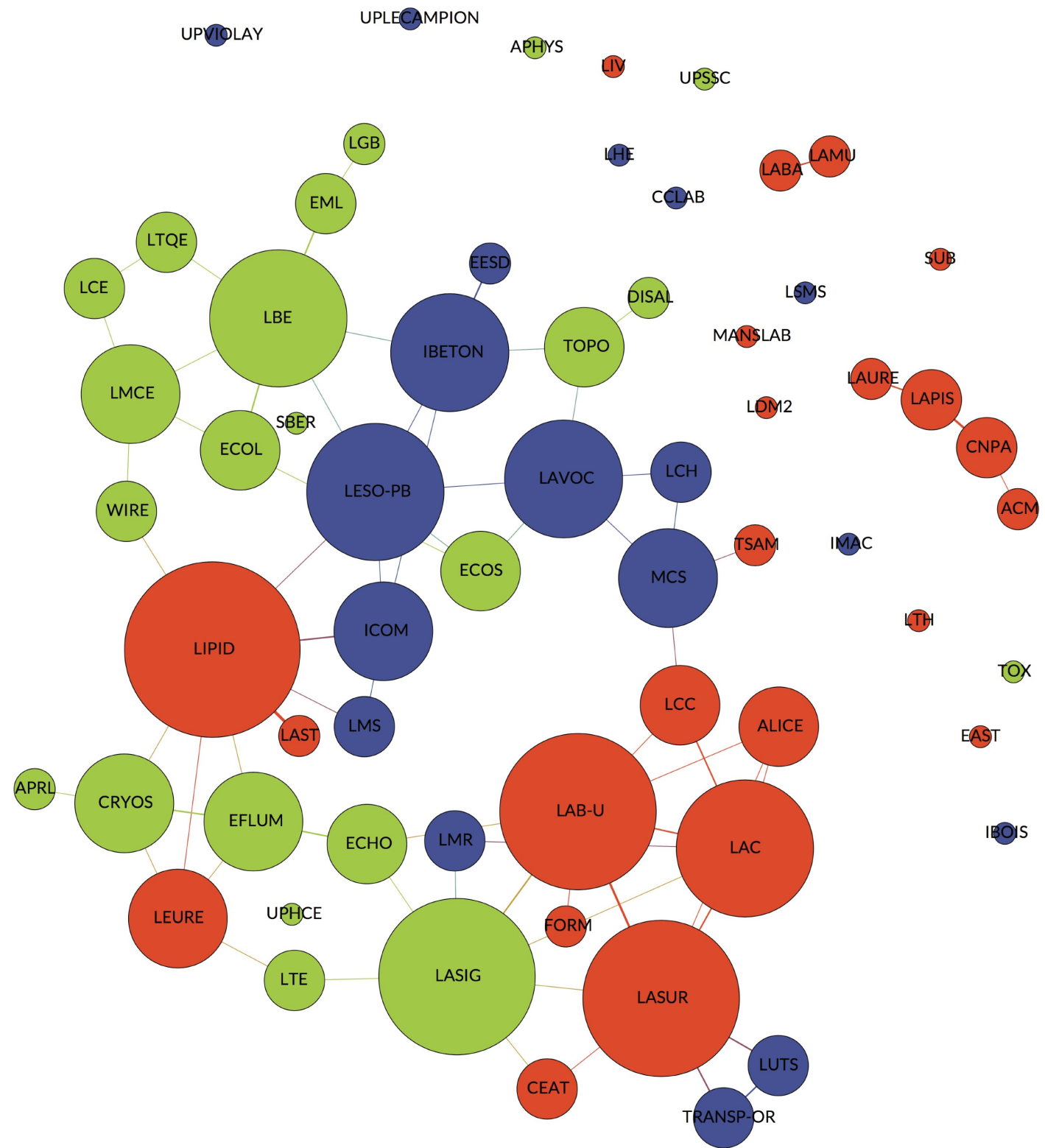
- Concept I – Networks
- Concept II – Scale and filters
- Concept III — Trajectories
- Concept IV — Distant View
- Concept V — Utopia of the perfect network
- Concept VI — Pyramid
- Concept VII — Appropriation
- Concept VIII — Materiality
- Current Design

Concept I – Networks

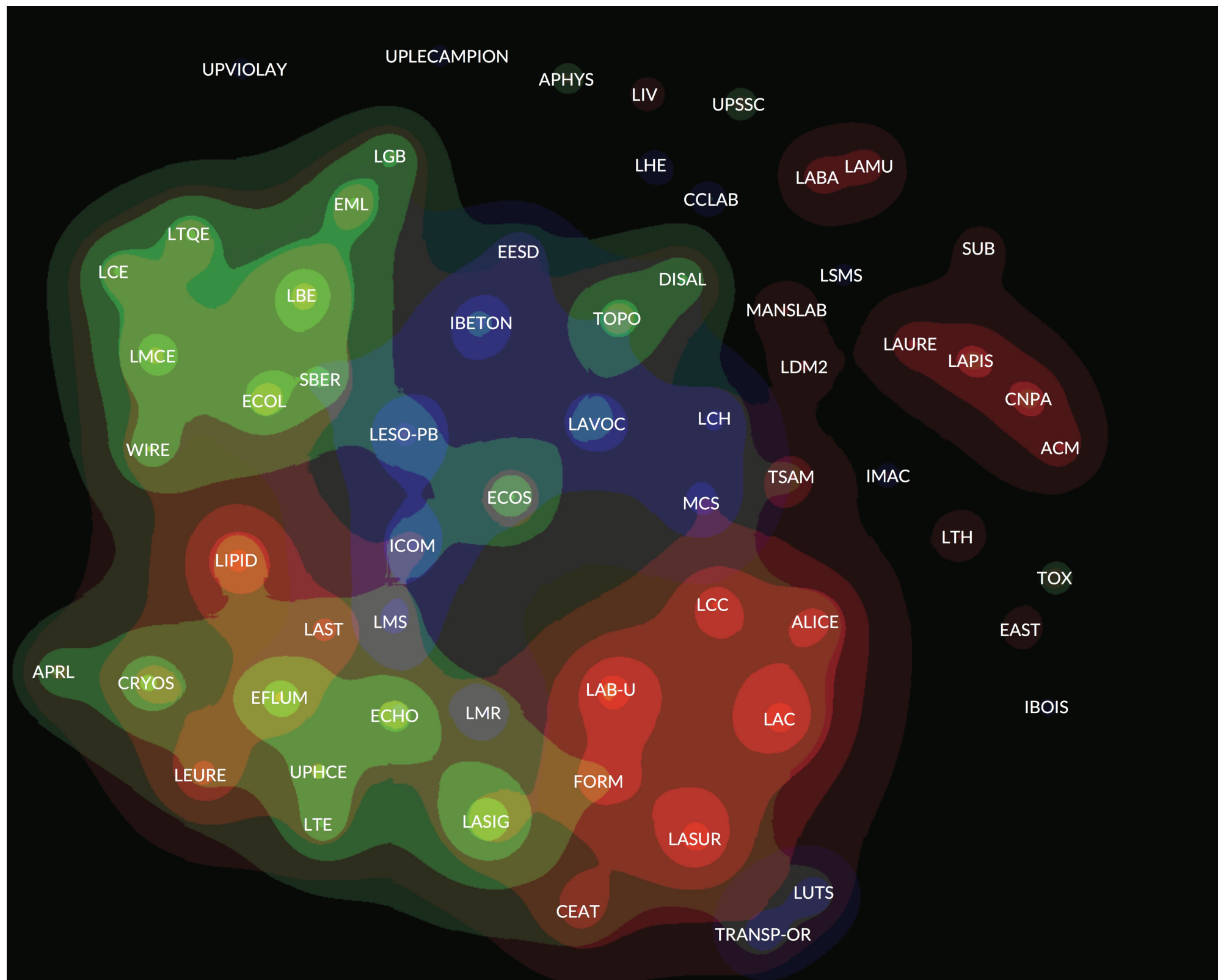
CO-AUTHORING AT ENAC IN 2014

Rodighiero Dario
Boudemagh Emina
DHLAB EPFL





2014 ENAC Publications

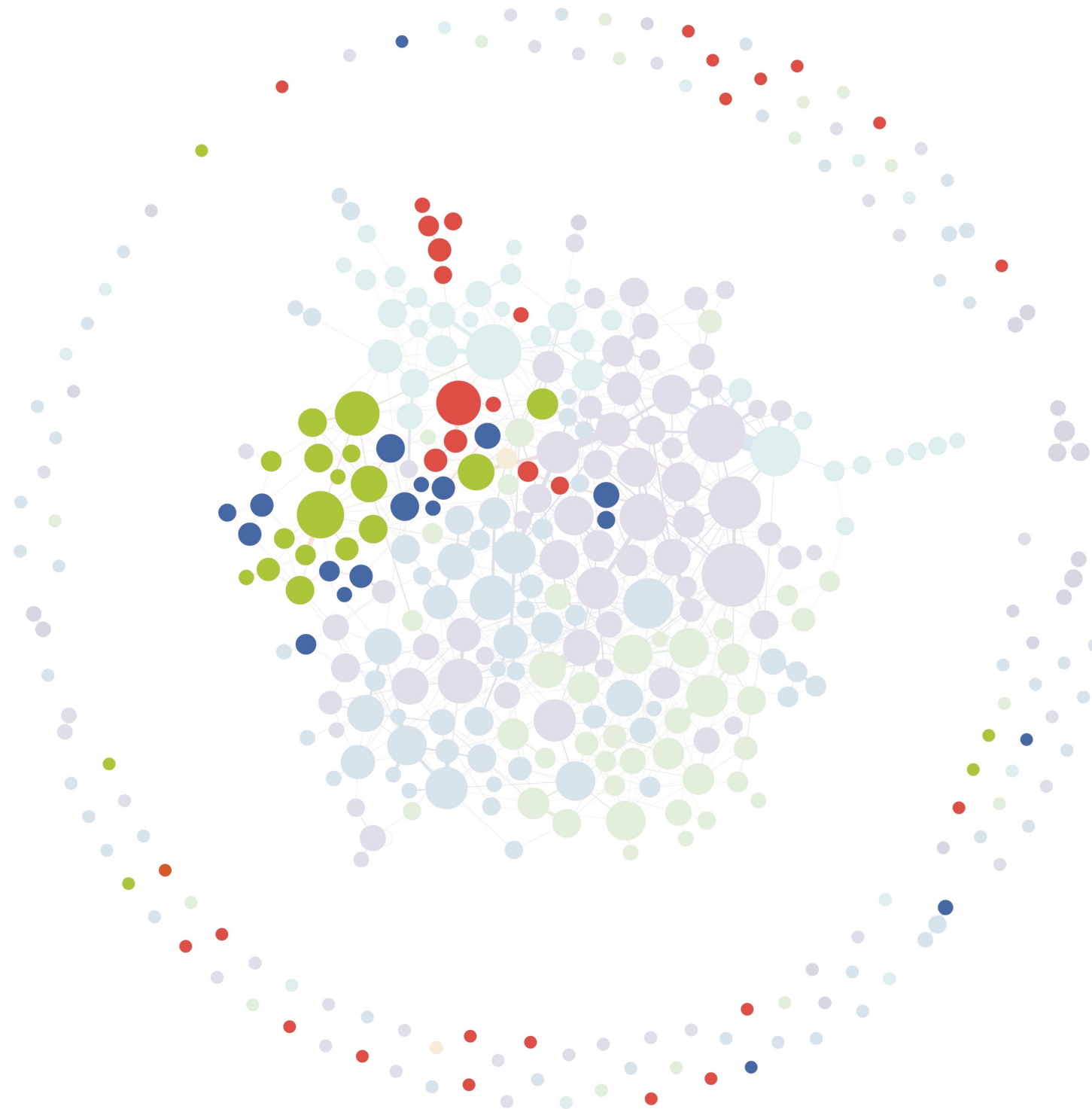


2014 ENAC Publications by Hectograph by médialab of Sciences Po

Concept II – Scale and filters

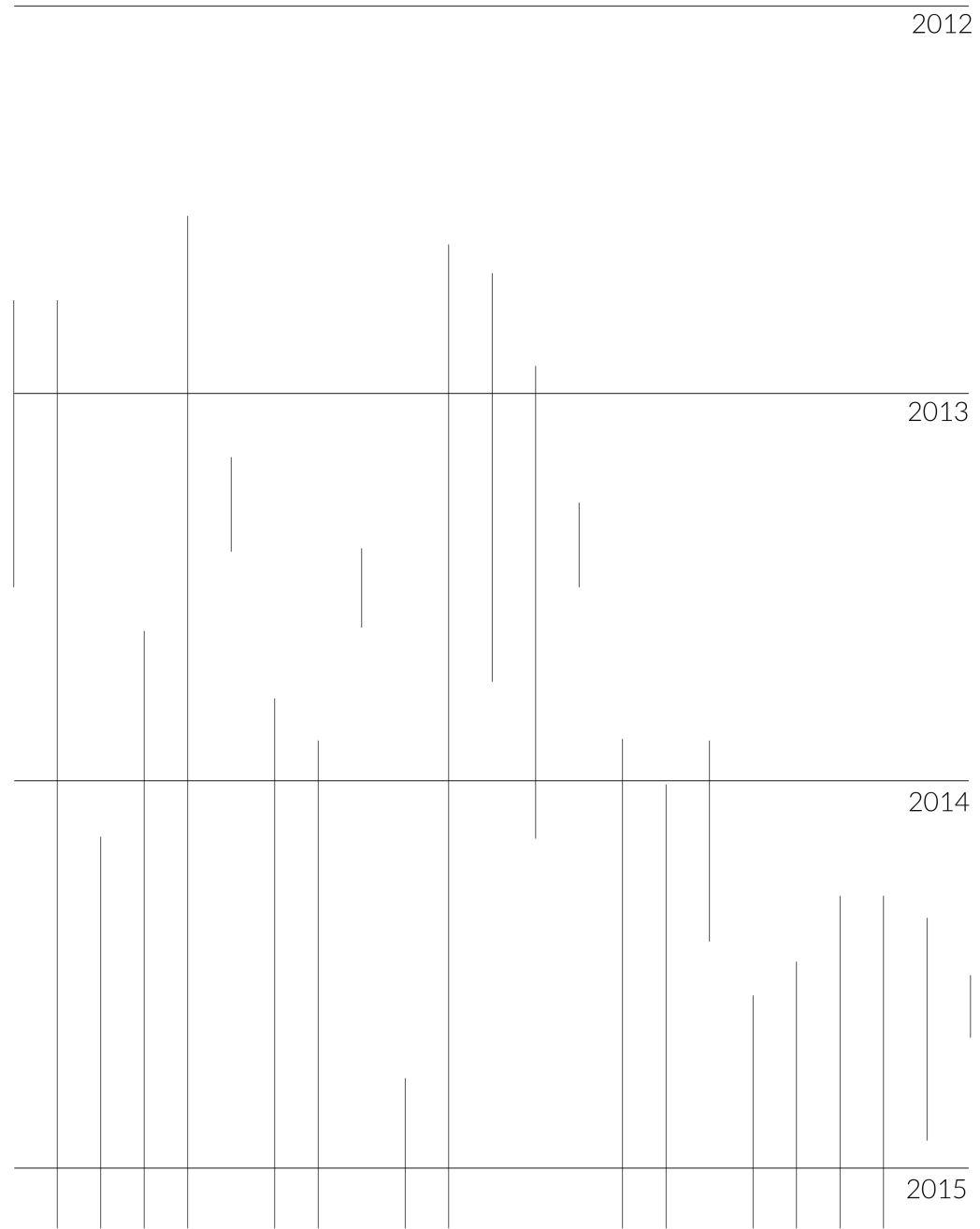


EPFL laboratories arranged by common publications in 2014

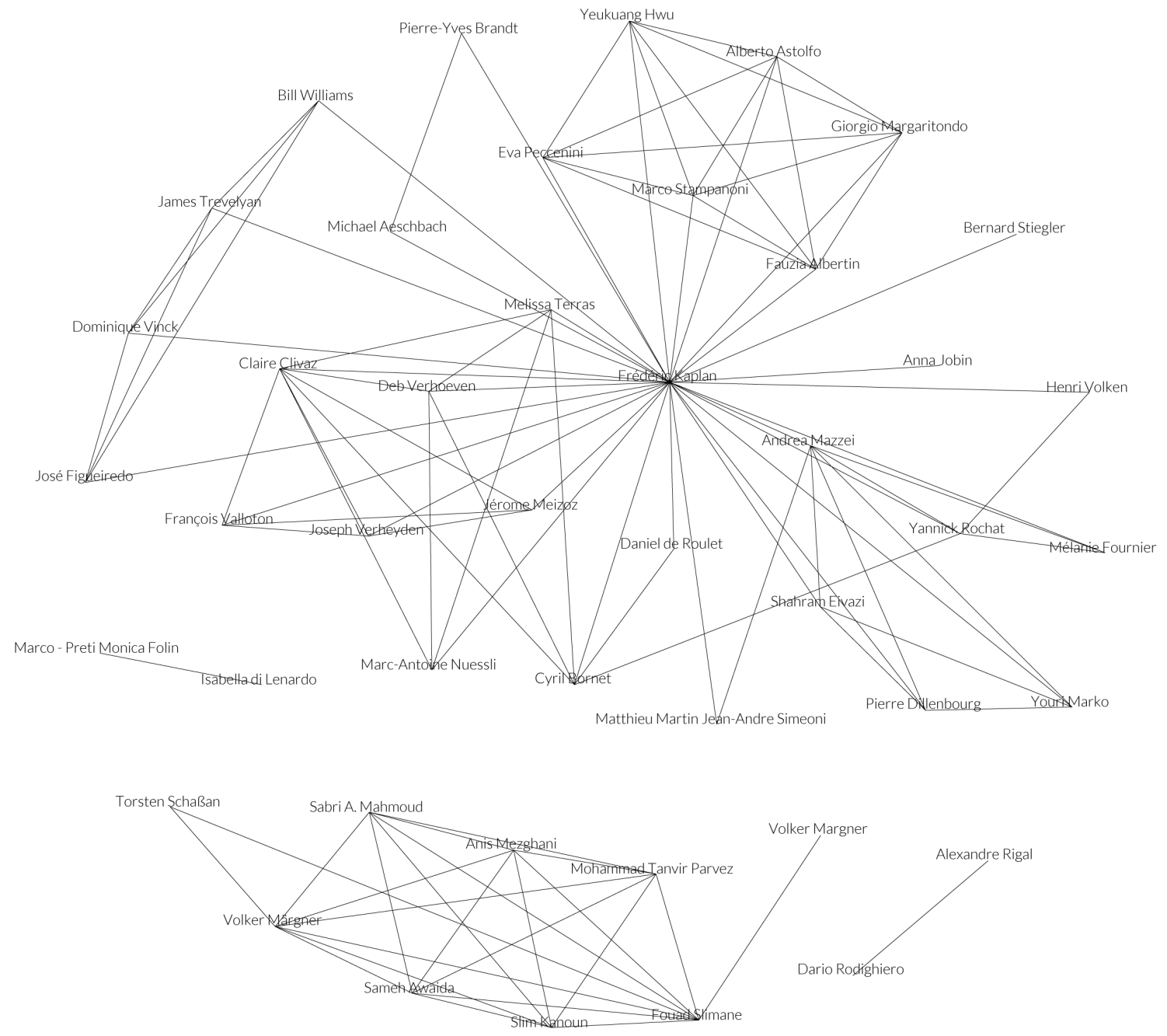


ENAC laboratories in the EPFL context

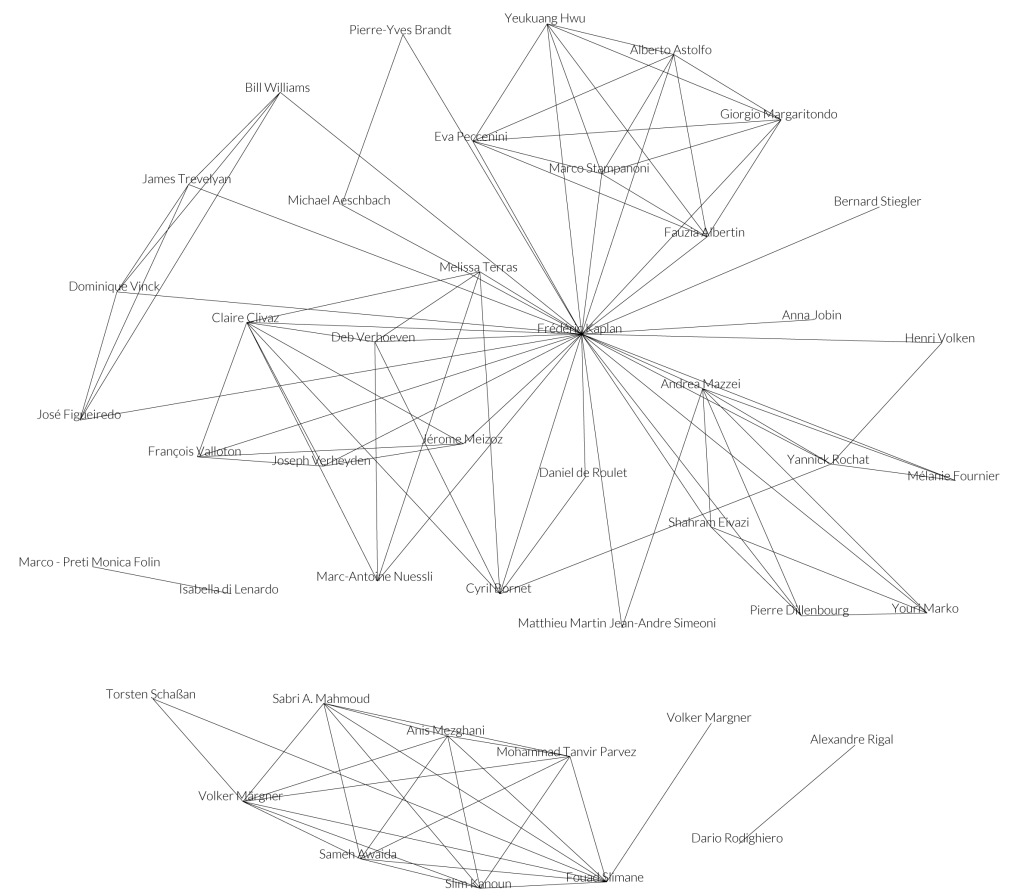
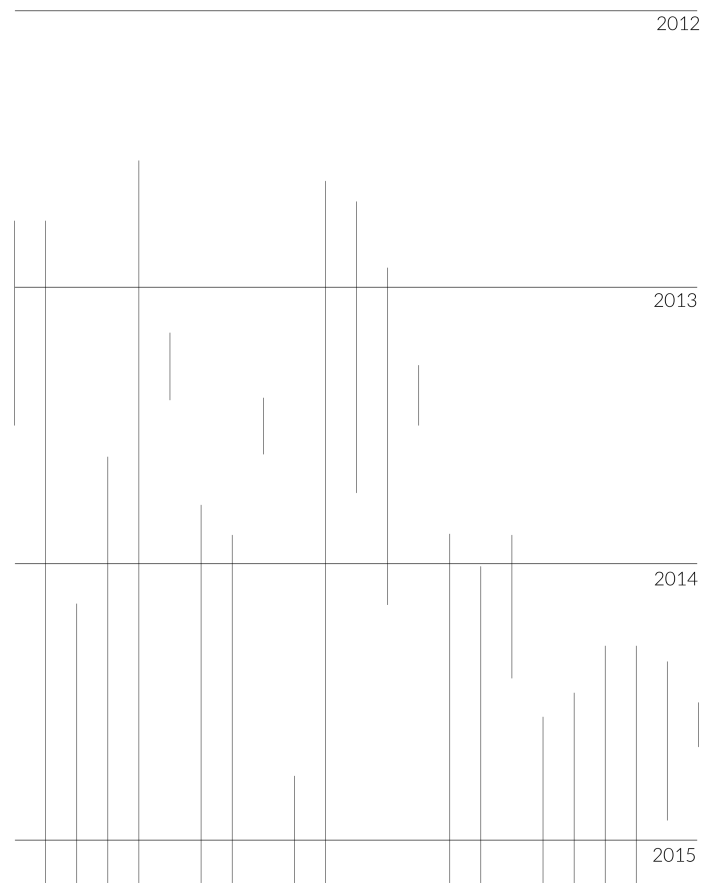
Concept III — Trajectories



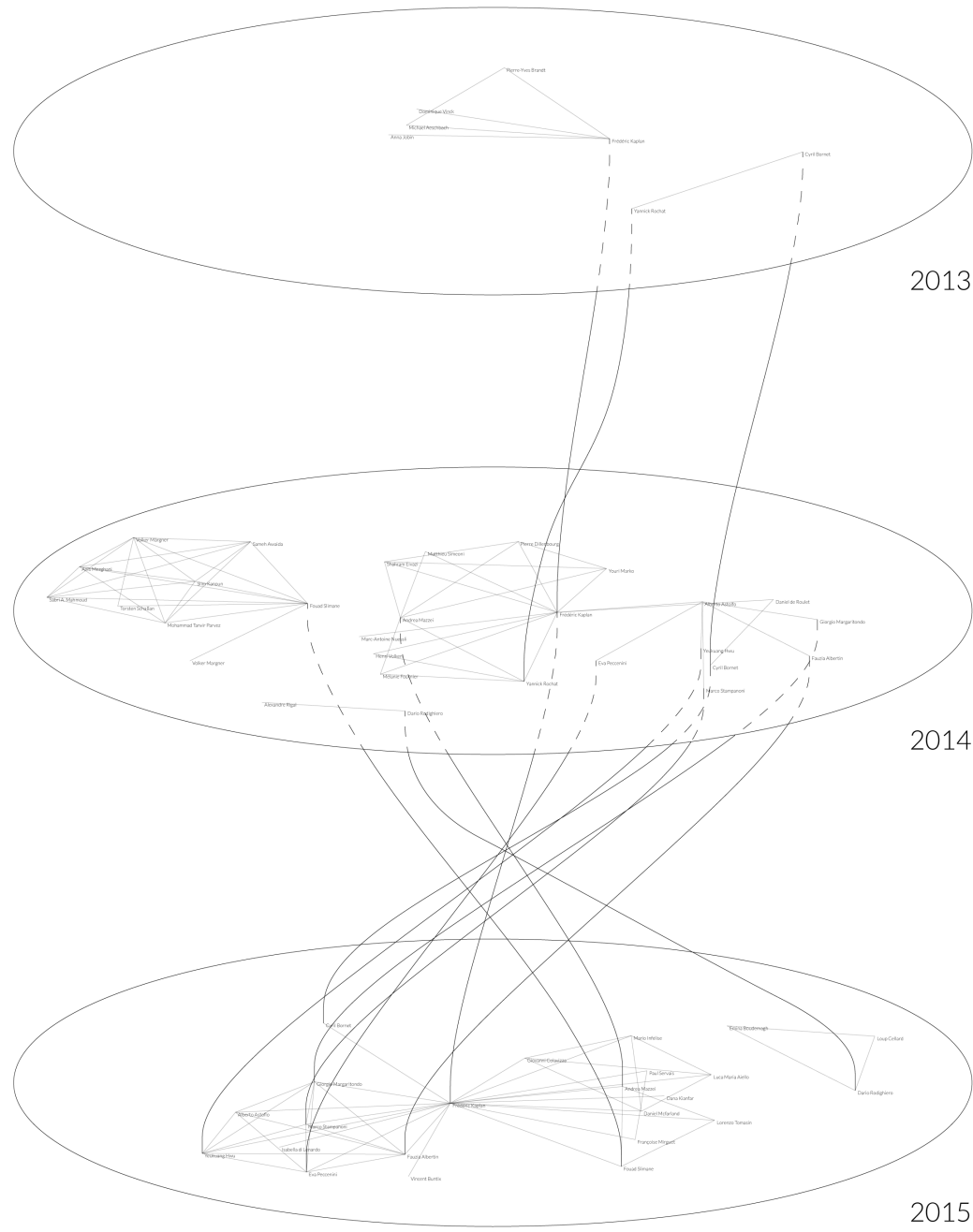
Timeline of DHLAB



Network of DHLAB

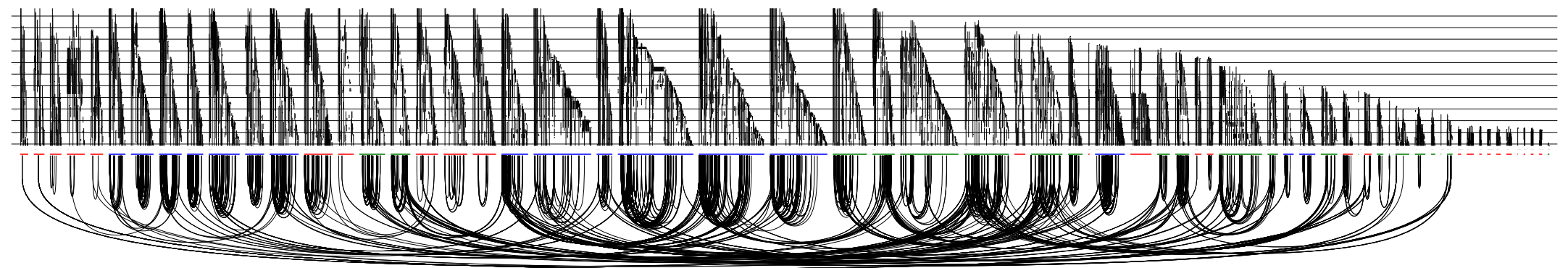


Timeline and Network of collaborations inside the DHLAB

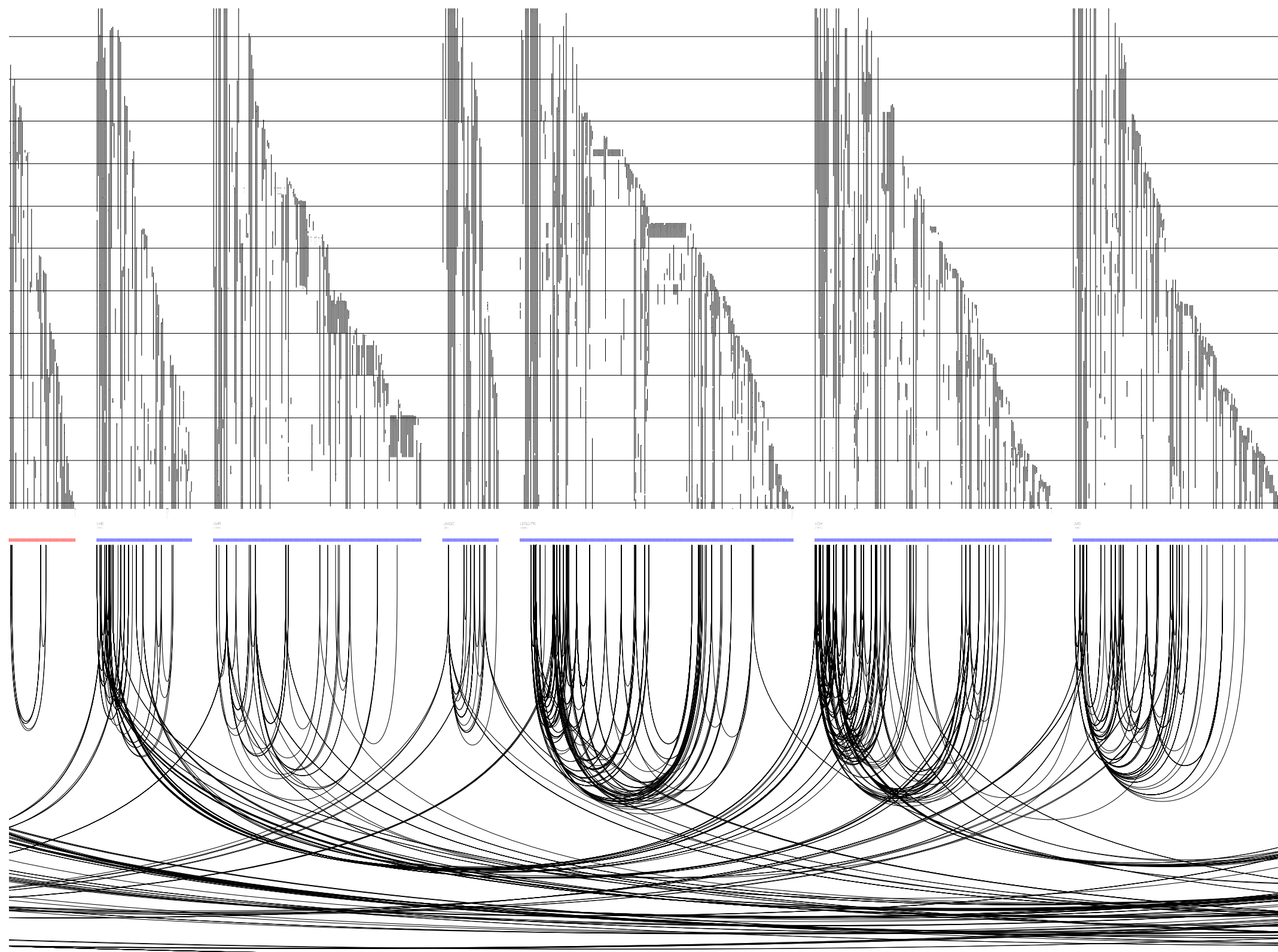


Second try of the trajectory tool representing the DHLAB

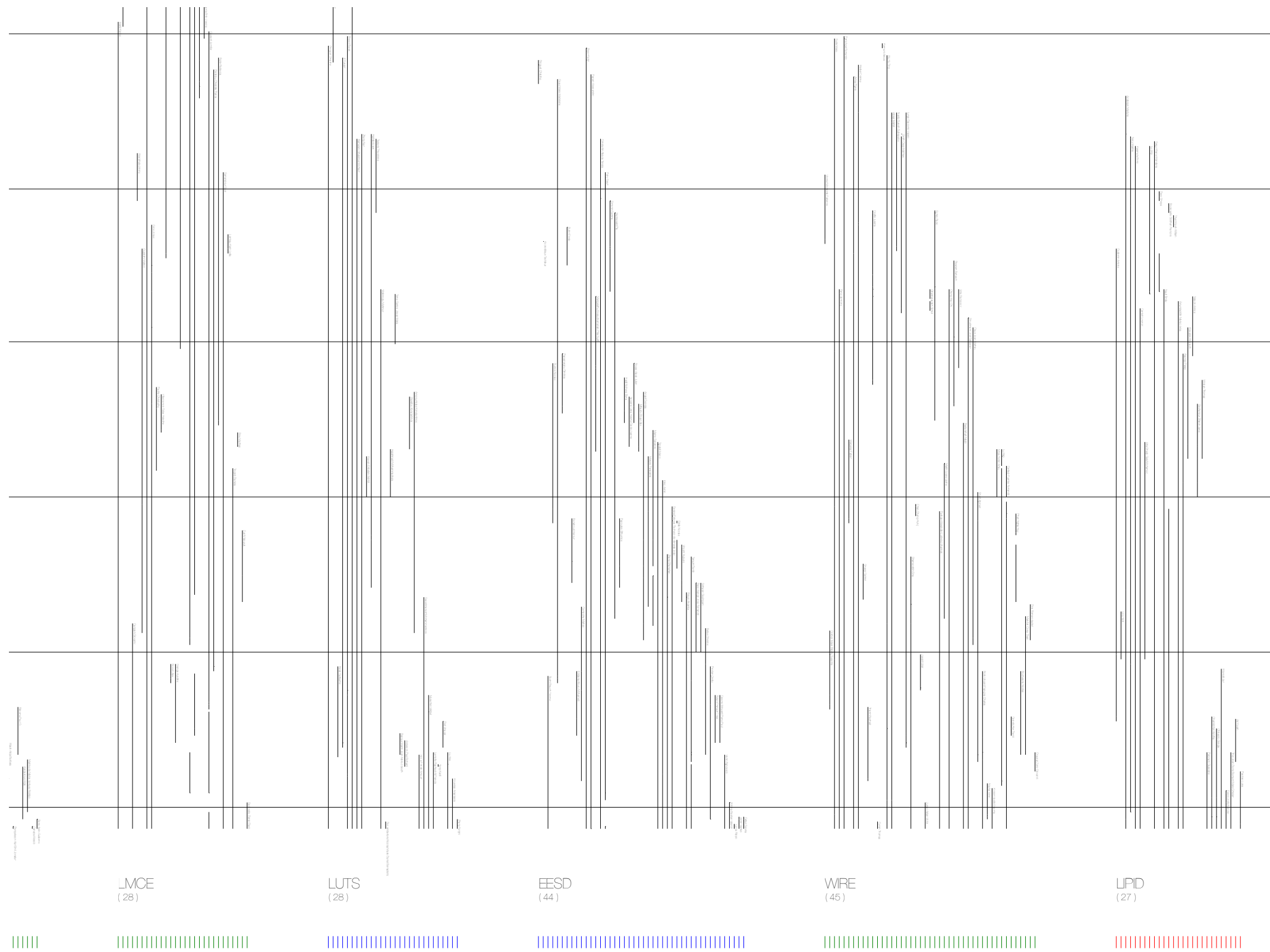
Concept IV — Distant View



Timeline visualization 1/3

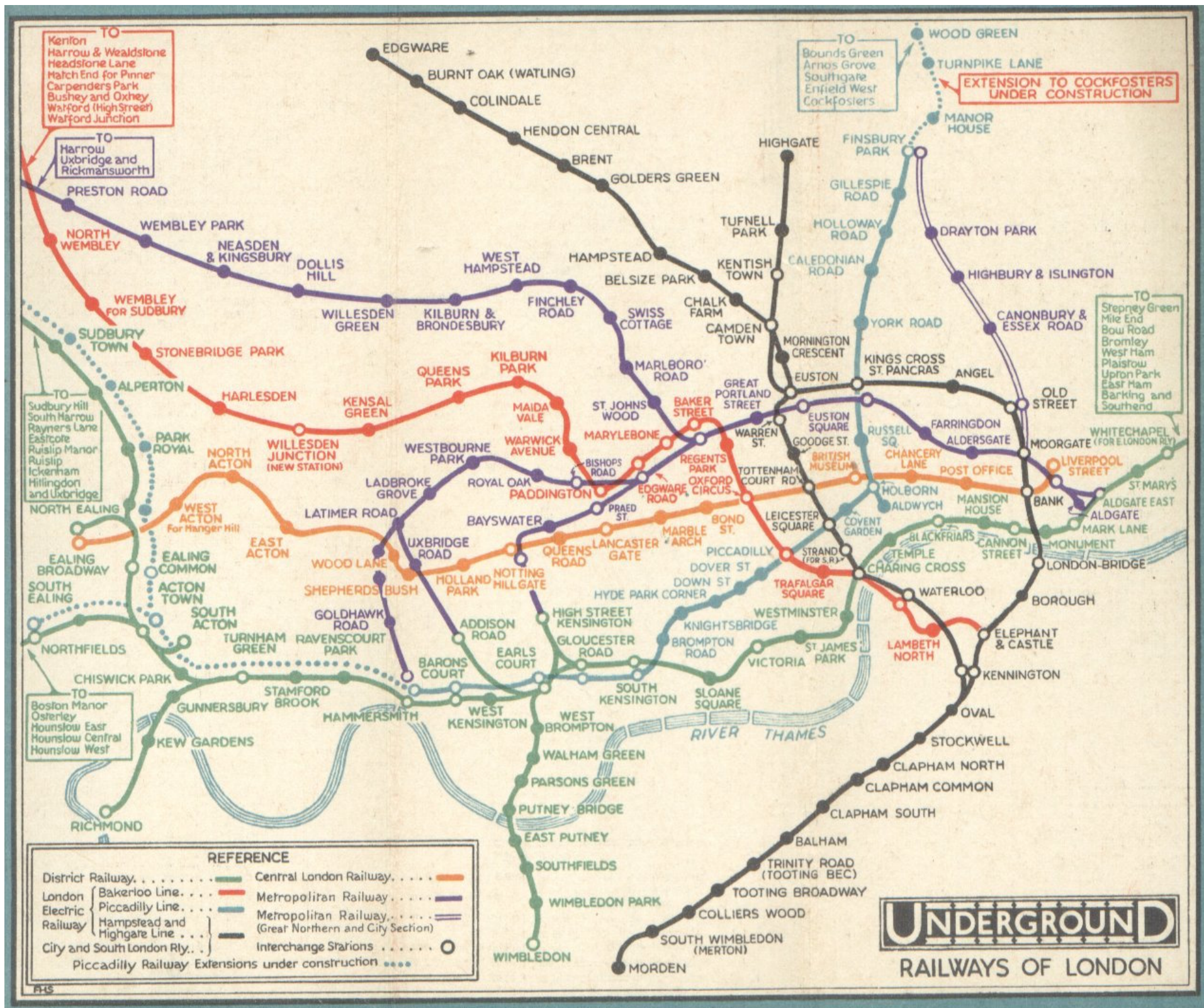


Timeline visualization 2/3



Timeline visualization 3/3

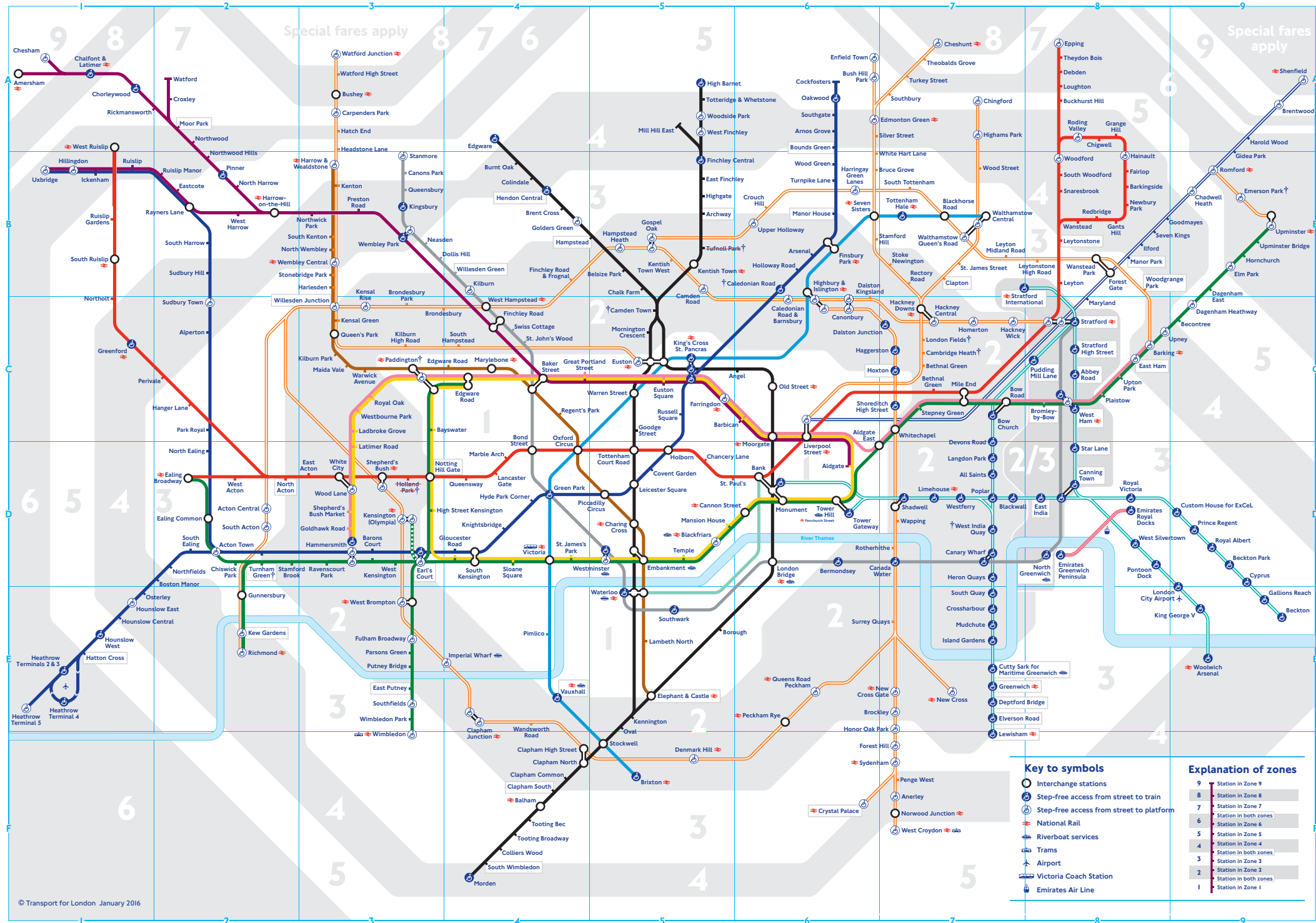
Concept V — Utopia of the perfect network



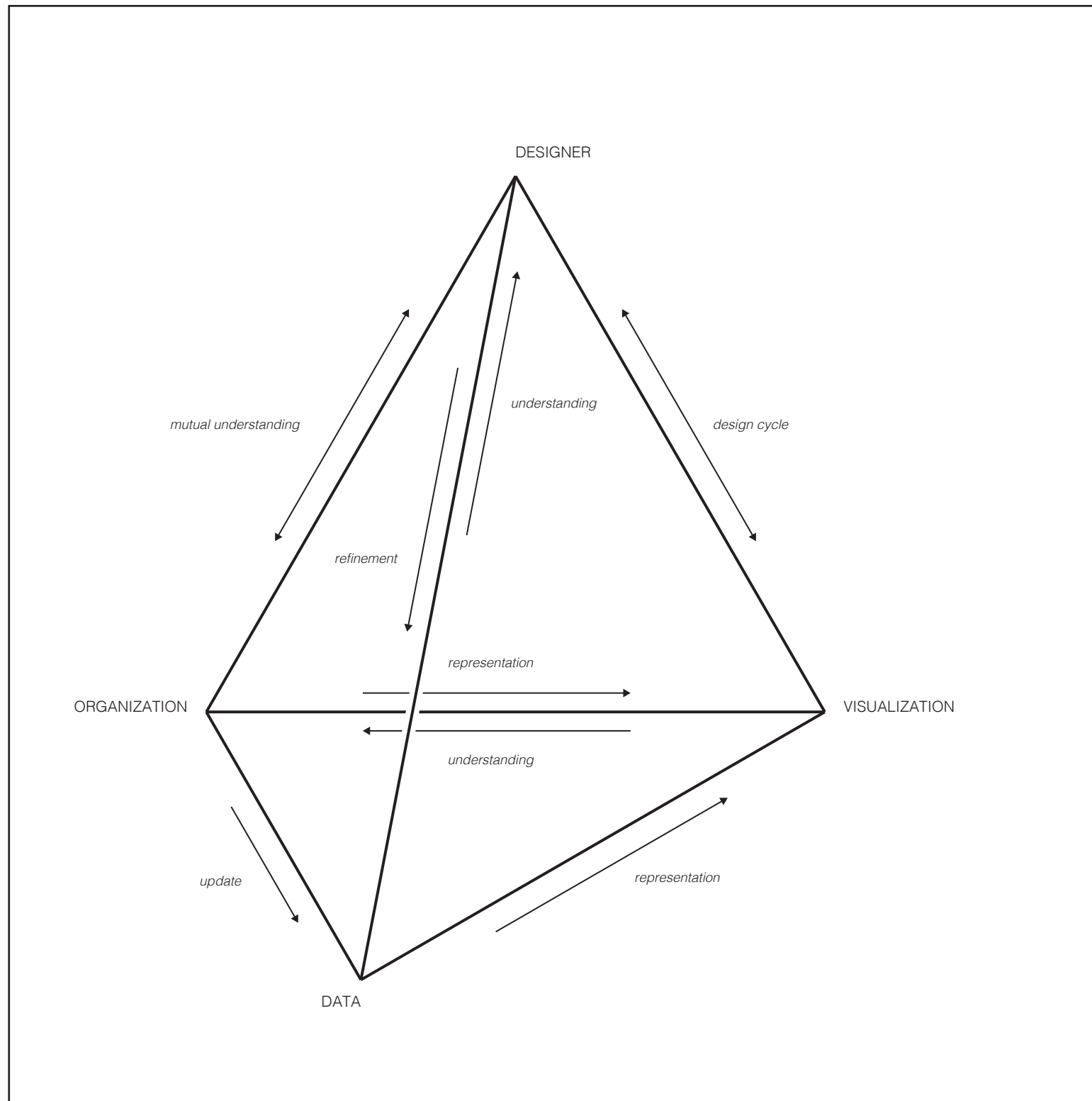
Before Harry Beck



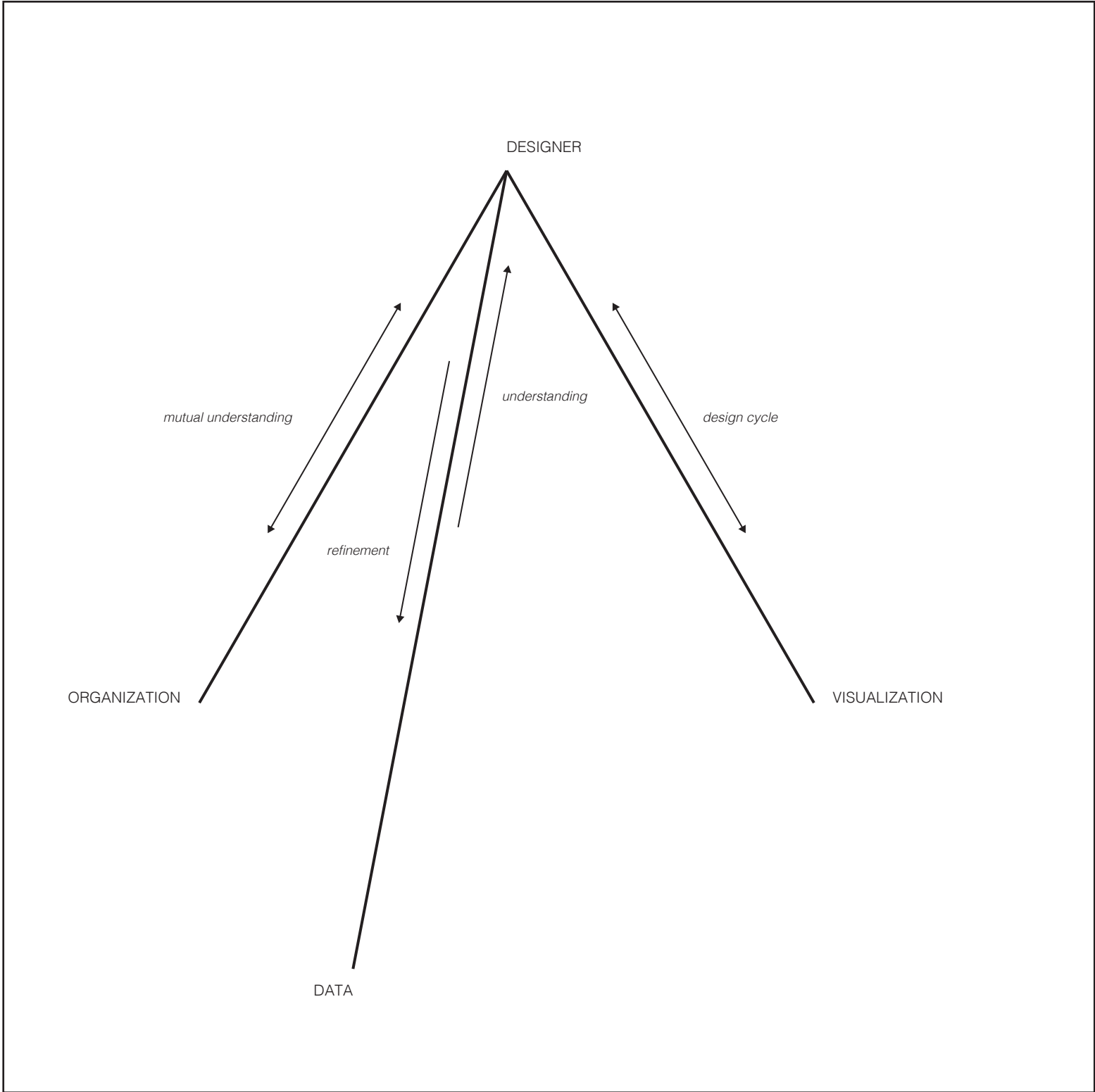
After Harry Beck



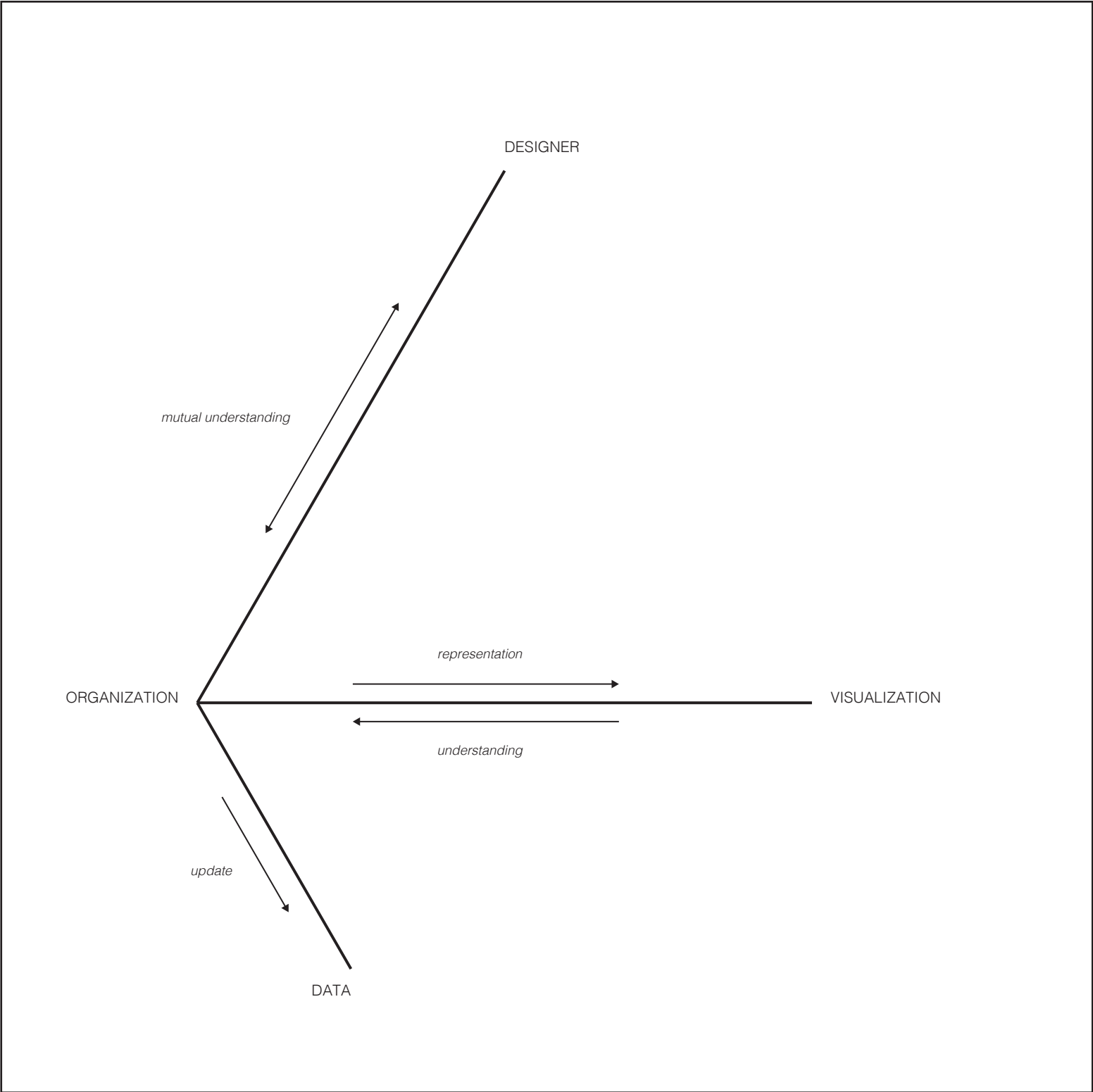
Concept VI — Pyramid



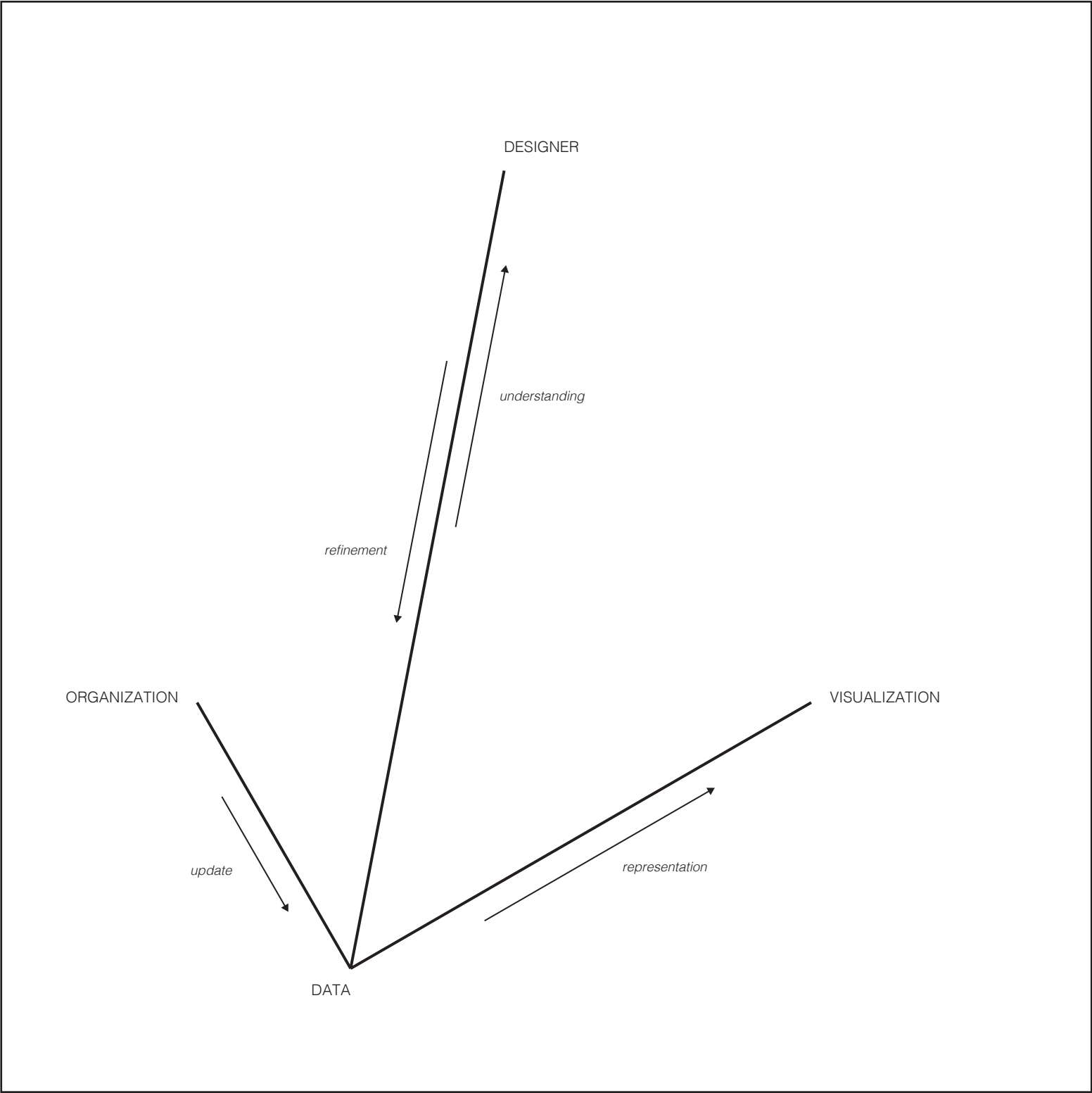
Pyramid



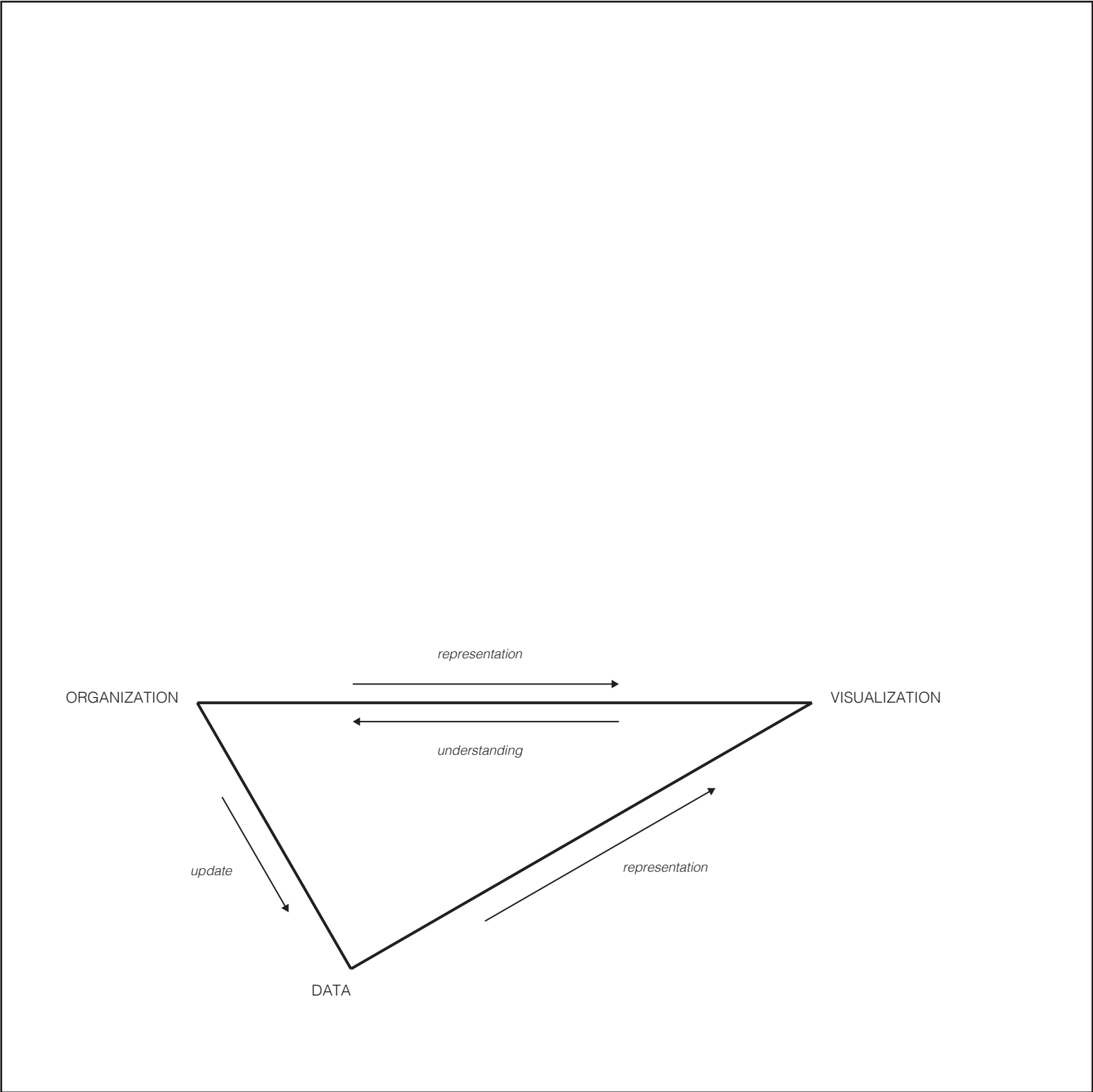
Pyramid - designer



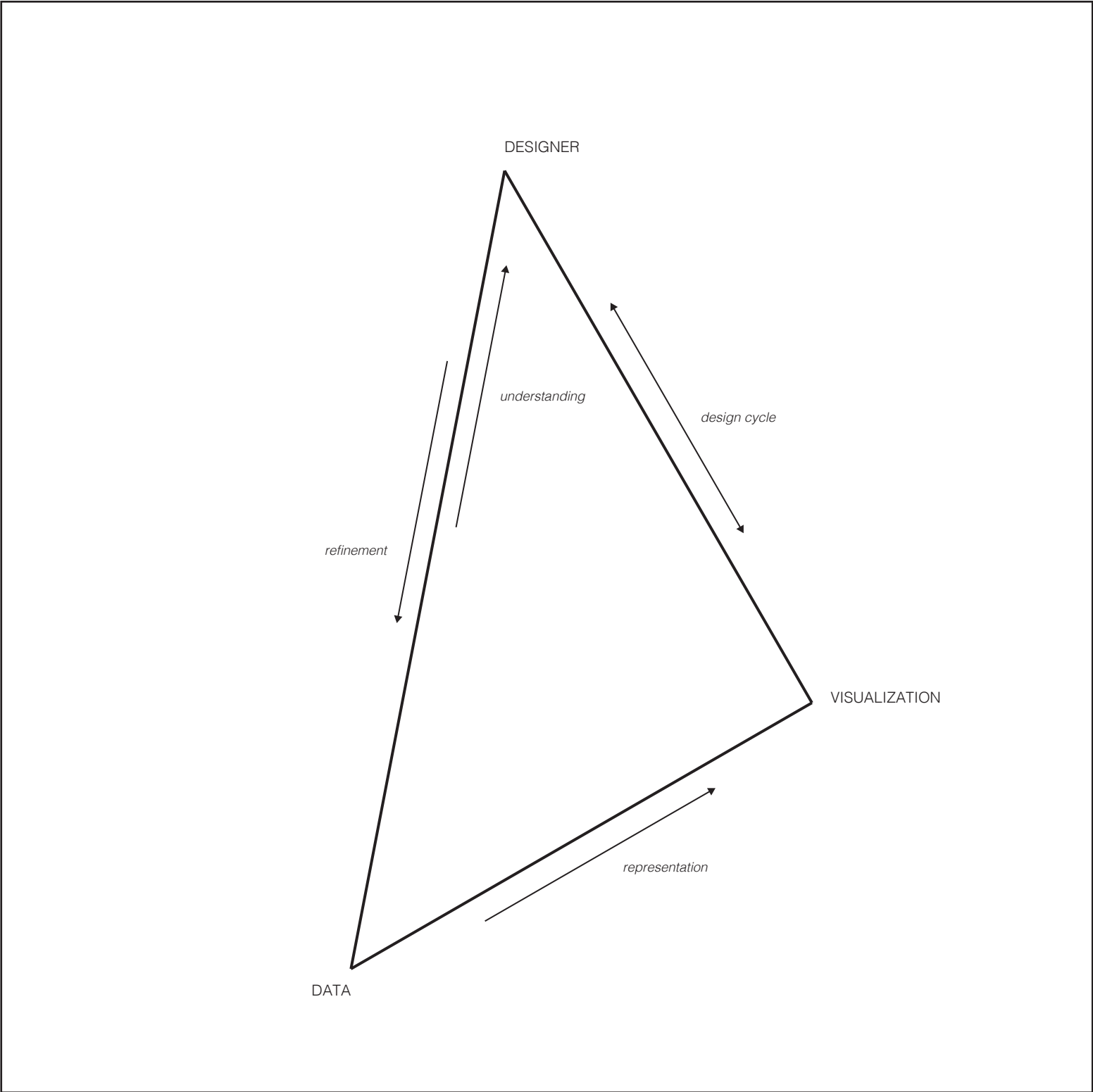
Pyramid - reader



Pyramid - data

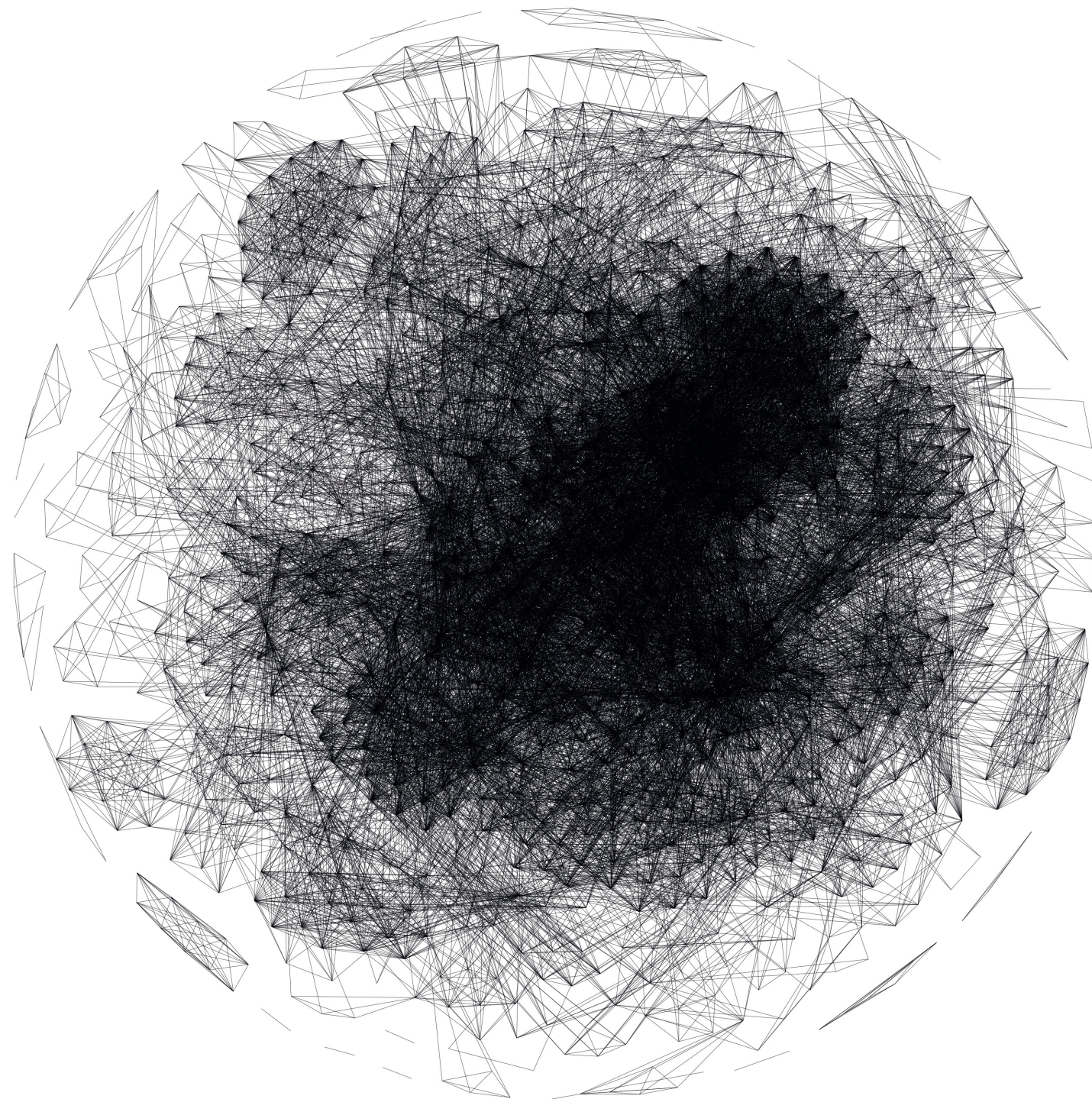


Pyramid - cycle I

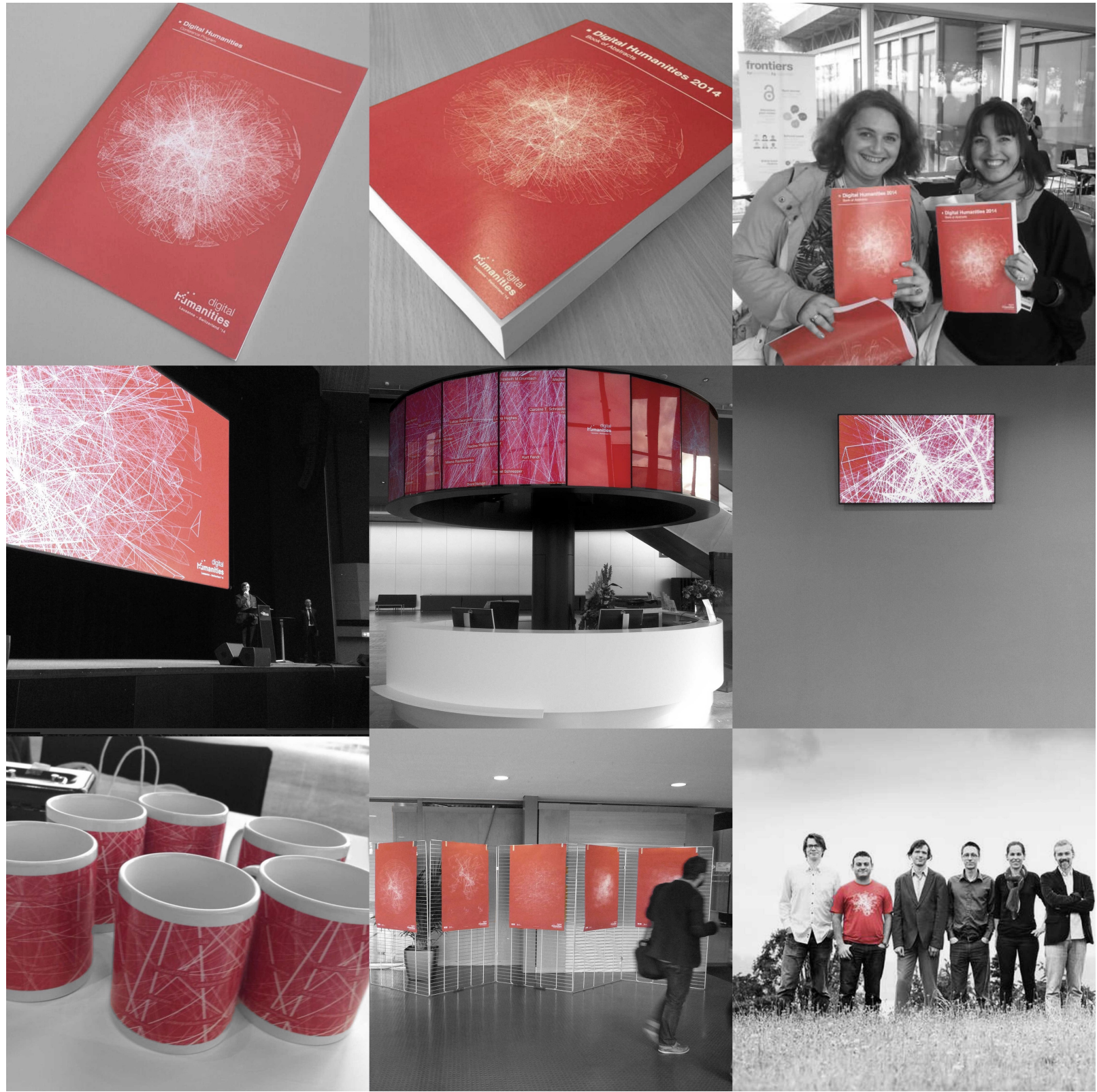


Pyramid - cycle II

Concept VII — Appropriation



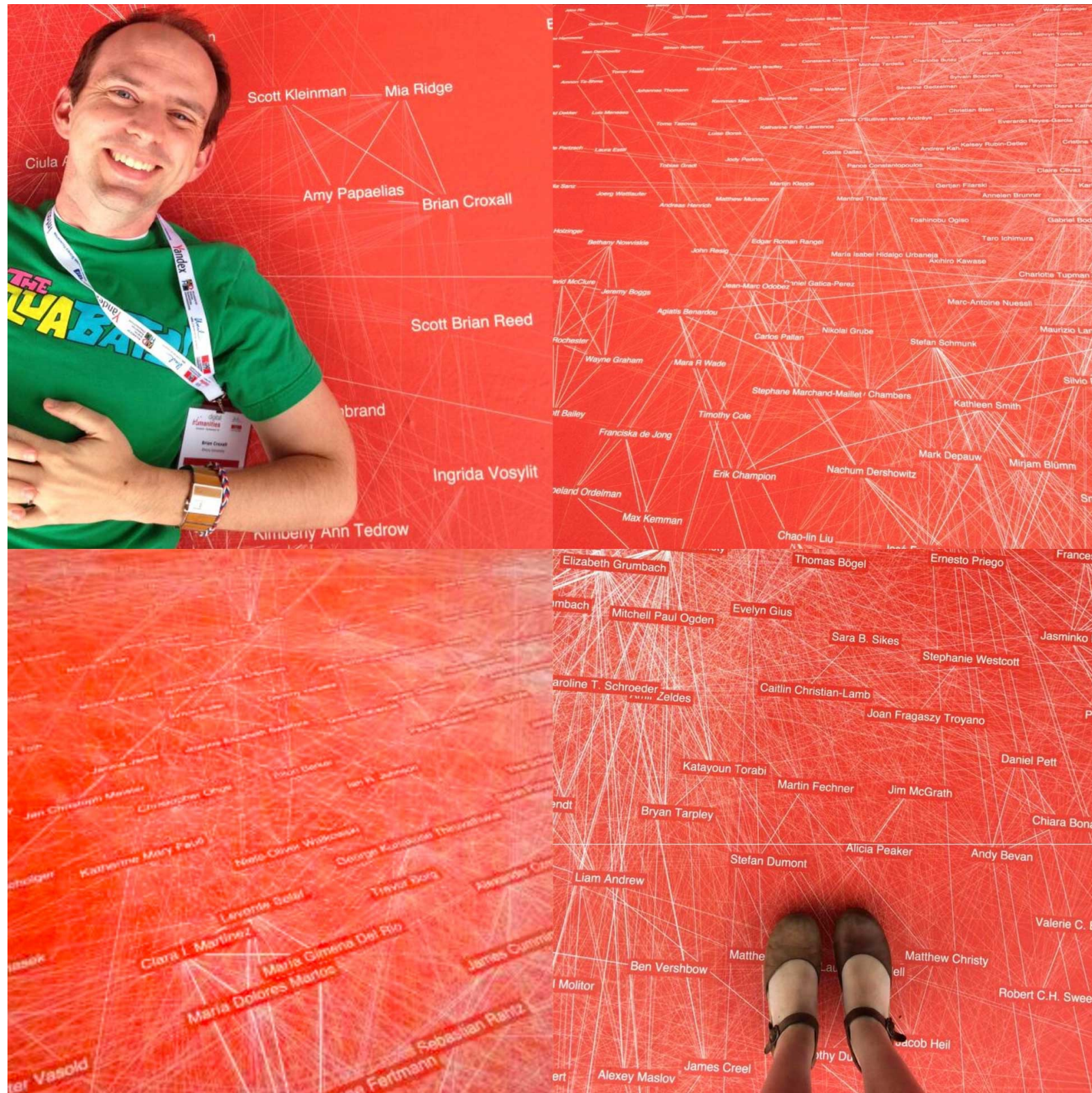
Concept VII — Appropriation



Concept VII — Appropriation



Concept VII — Appropriation



Concept VII — Appropriation



Concept VII — Appropriation



Concept VII — Appropriation

The image shows a browser window displaying the Twitter profile of Frederic Kaplan. The browser's address bar shows "Twitter, Inc." and the page title is "Twitter, Inc.". The navigation bar includes "Home", "Notifications", "Messages", and a search bar. The profile header features a large background image of a modern building at night, a profile picture of Frederic Kaplan, and statistics: 3,430 tweets, 2,406 following, 4,561 followers, 10 likes, and 1 list. A "Following" button is visible. The main content area shows two tweets: one from March 4 about "Swiss Startups Delving Into Virtual Reality" and another from February 20 about "Anonymous gods" in dadabot.

Twitter, Inc.

Home Notifications Messages Search Twitter

Frederic Kaplan
 @frederickaplan **FOLLOWS YOU**

Professor in Digital Humanities at EPFL, head of DHLAB (dhlab.epfl.ch), co-local organiser of DH2014 in Lausanne (dh2014.org)

Lausanne
dhlab.epfl.ch
 Joined November 2007

TWEETS 3,430 FOLLOWING 2,406 FOLLOWERS 4,561 LIKES 10 LISTS 1

Following

Tweets Tweets & replies Photos & videos

Frederic Kaplan @frederickaplan · Mar 4
 Swiss Startups Delving Into Virtual Reality
techcrunch.com/2016/02/22/swi...

↳ ↻ 2 ♥ 5 ... View summary

Frederic Kaplan @frederickaplan · Feb 20
 "Anonymous gods" in dadabot - an introduction to machinic creolization by @nicolasnova and Joel Vacheron

Concept XIII — Materiality



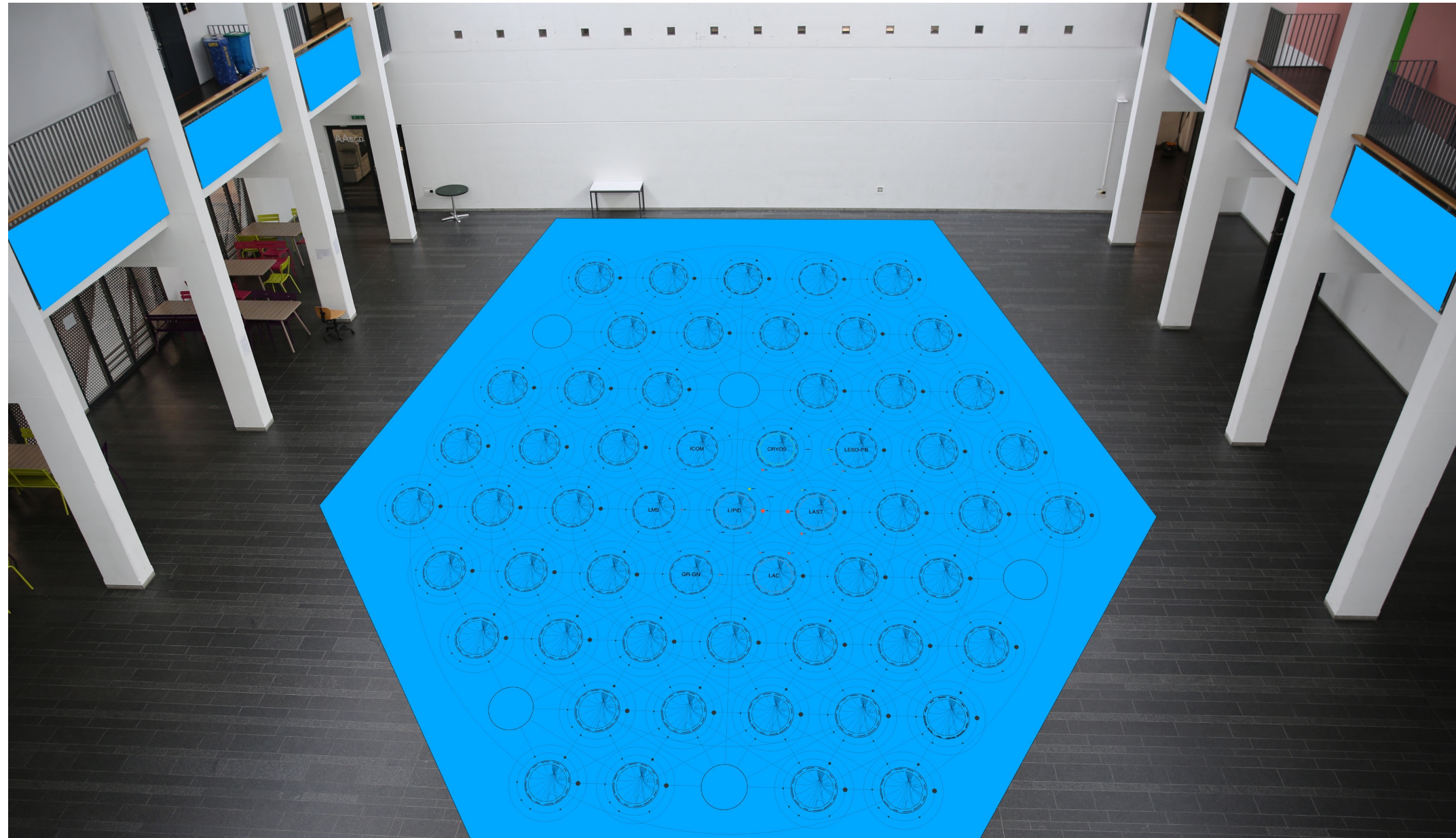
Pieter Laurens Mol, Specific Impulse 1985



Posters

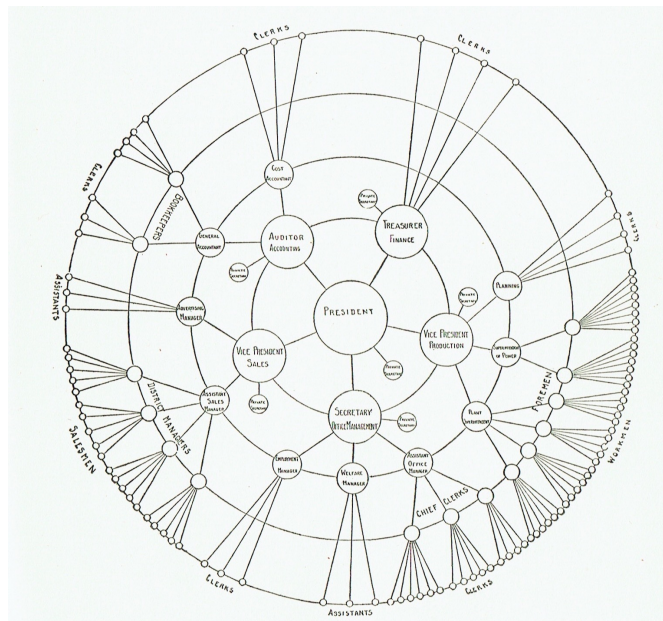


Large visualizations



Very large visualization

Current Design



The forms of representation

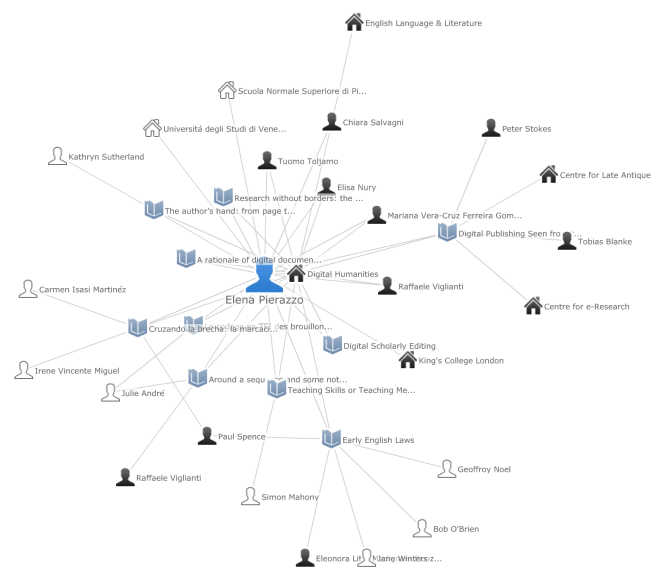
World University Rankings 2015-2016
ELSEVIER 2016

The Times Higher Education World University Rankings 2015-2016 list the best global universities and are the only international university performance tables to judge world class universities across all of their core missions - teaching, research, knowledge transfer and international outlook.

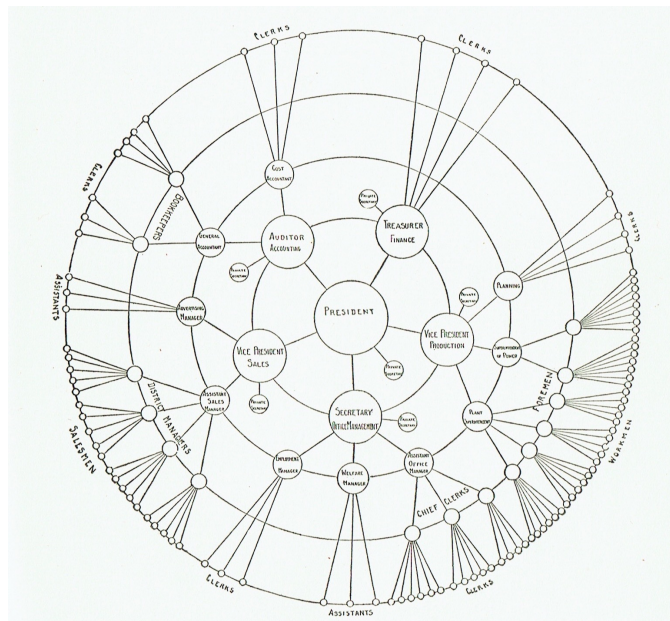
Filter by name Filter by country

[Rankings Only](#)
[Performance Breakdown](#)
[Key Statistics *](#)

Rank	Title	
1	California Institute of Technology United States of America	Add
2	University of Oxford United Kingdom	Add
3	Stanford University United States of America	Add
4	University of Cambridge United Kingdom	Add
5	Massachusetts Institute of Technology United States of America	Add
6	Harvard University United States of America	Add
7	Princeton University United States of America	Add
8	Imperial College London United Kingdom	Add
9	ETH Zurich - Swiss Federal Institute of Technology Zurich Switzerland	Add



The forms of representation



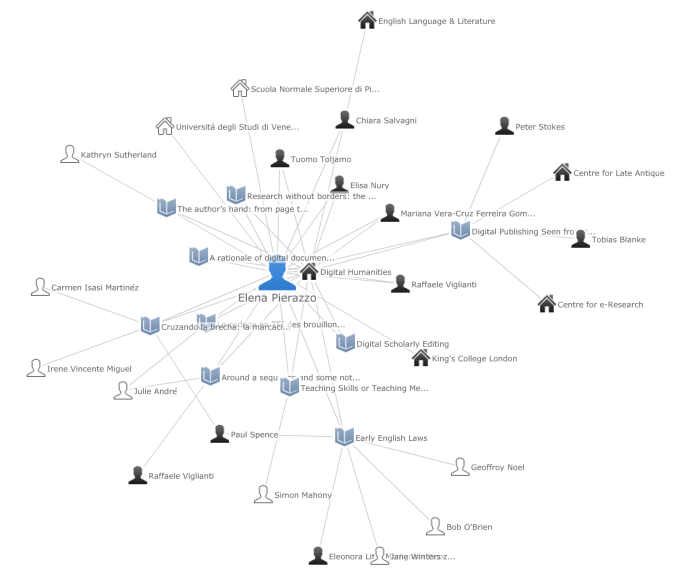
World University Rankings 2015-2016
 ELSEVIER 2016

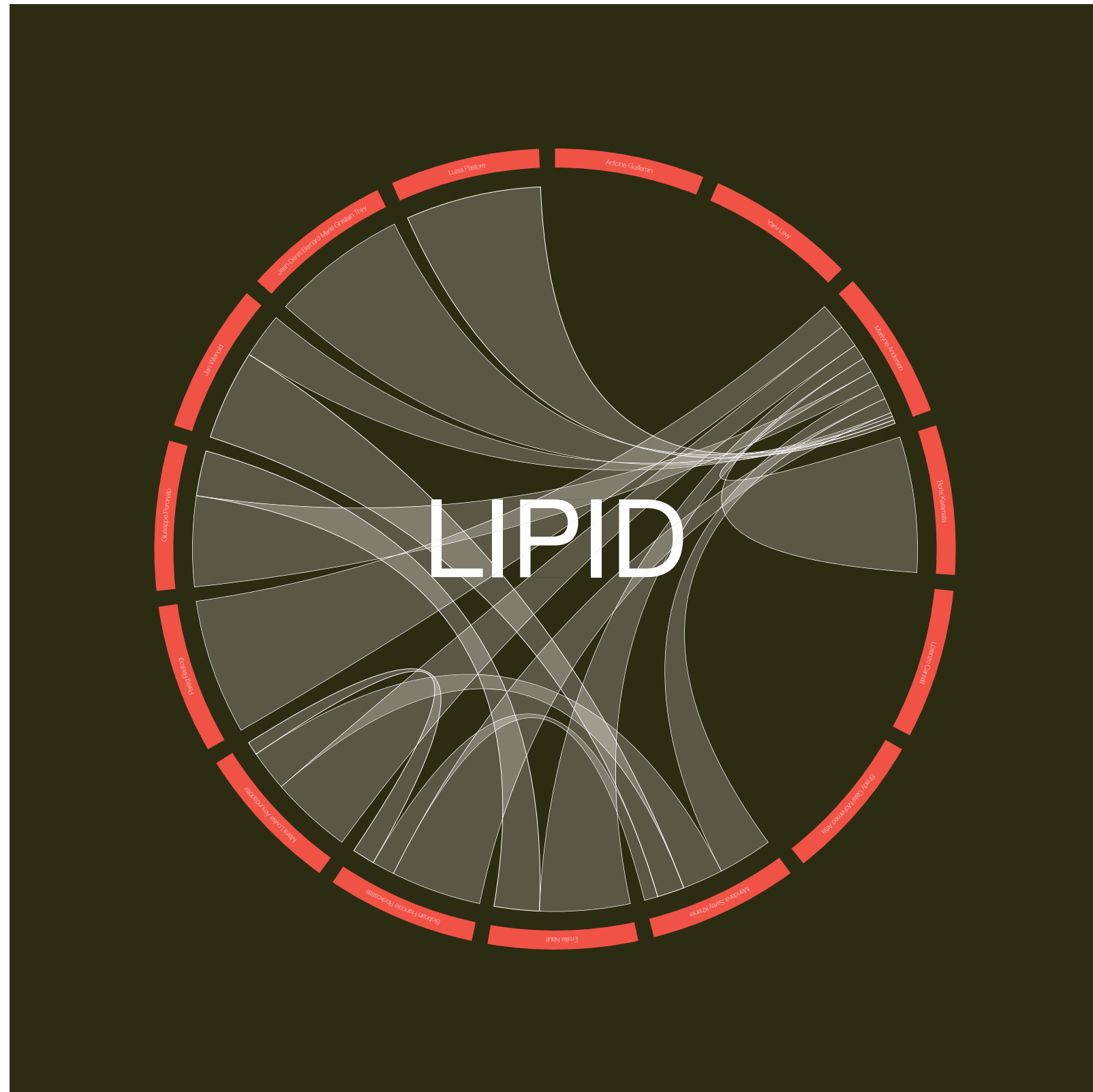
The Times Higher Education World University Rankings 2015-2016 list the best global universities and are the only international university performance tables to judge world class universities across all of their core missions - teaching, research, knowledge transfer and international outlook.

Filter by name Filter by country

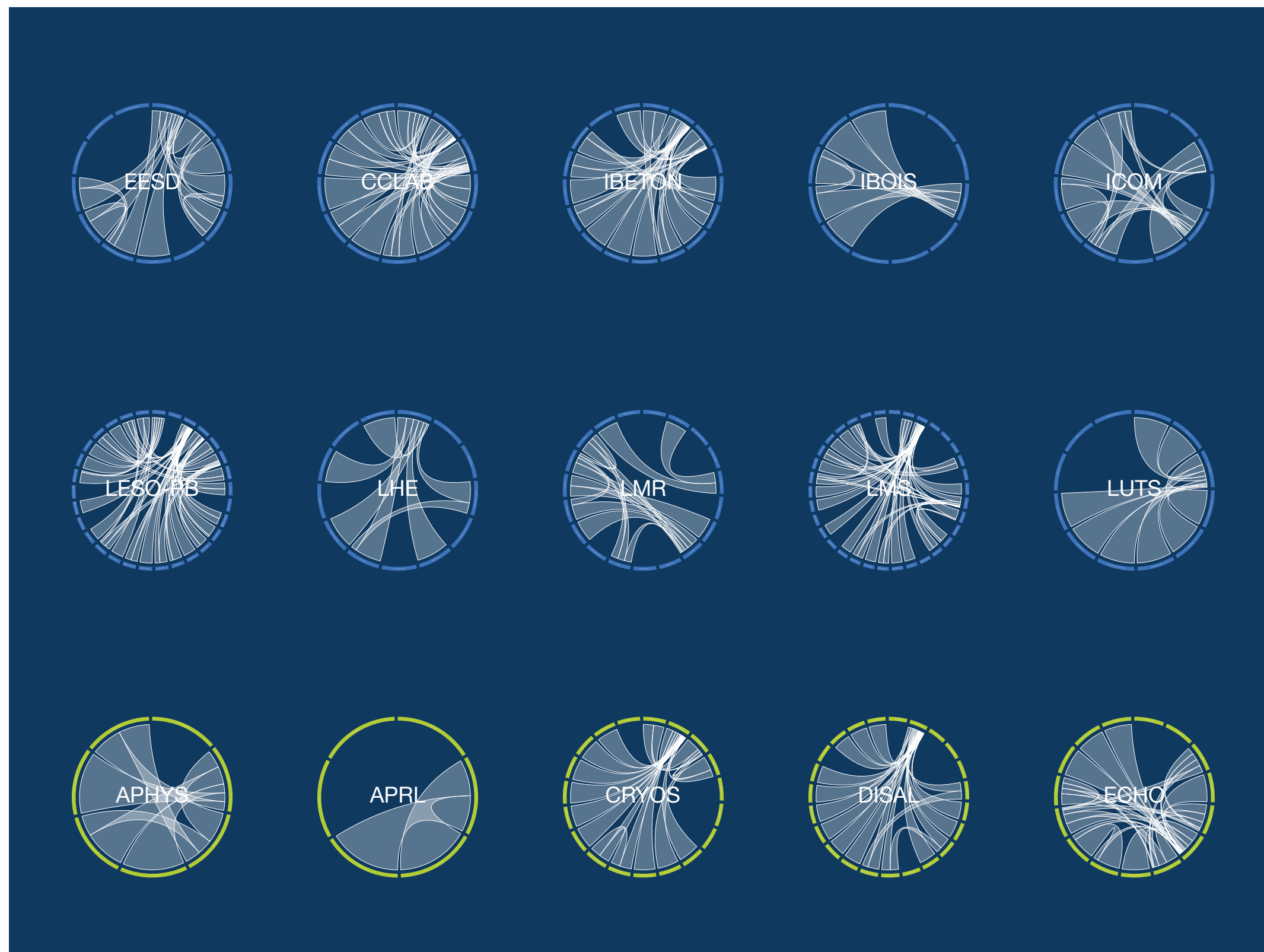
[Rankings Only](#) [Performance Breakdown](#) [Key Statistics *](#)

Rank	University	Title	Add
1	California Institute of Technology United States of America		Add
2	University of Oxford United Kingdom		Add
3	Stanford University United States of America		Add
4	University of Cambridge United Kingdom		Add
5	Massachusetts Institute of Technology United States of America		Add
6	Harvard University United States of America		Add
7	Princeton University United States of America		Add
8	Imperial College London United Kingdom		Add
9	ETH Zurich - Swiss Federal Institute of Technology Zurich Switzerland		Add

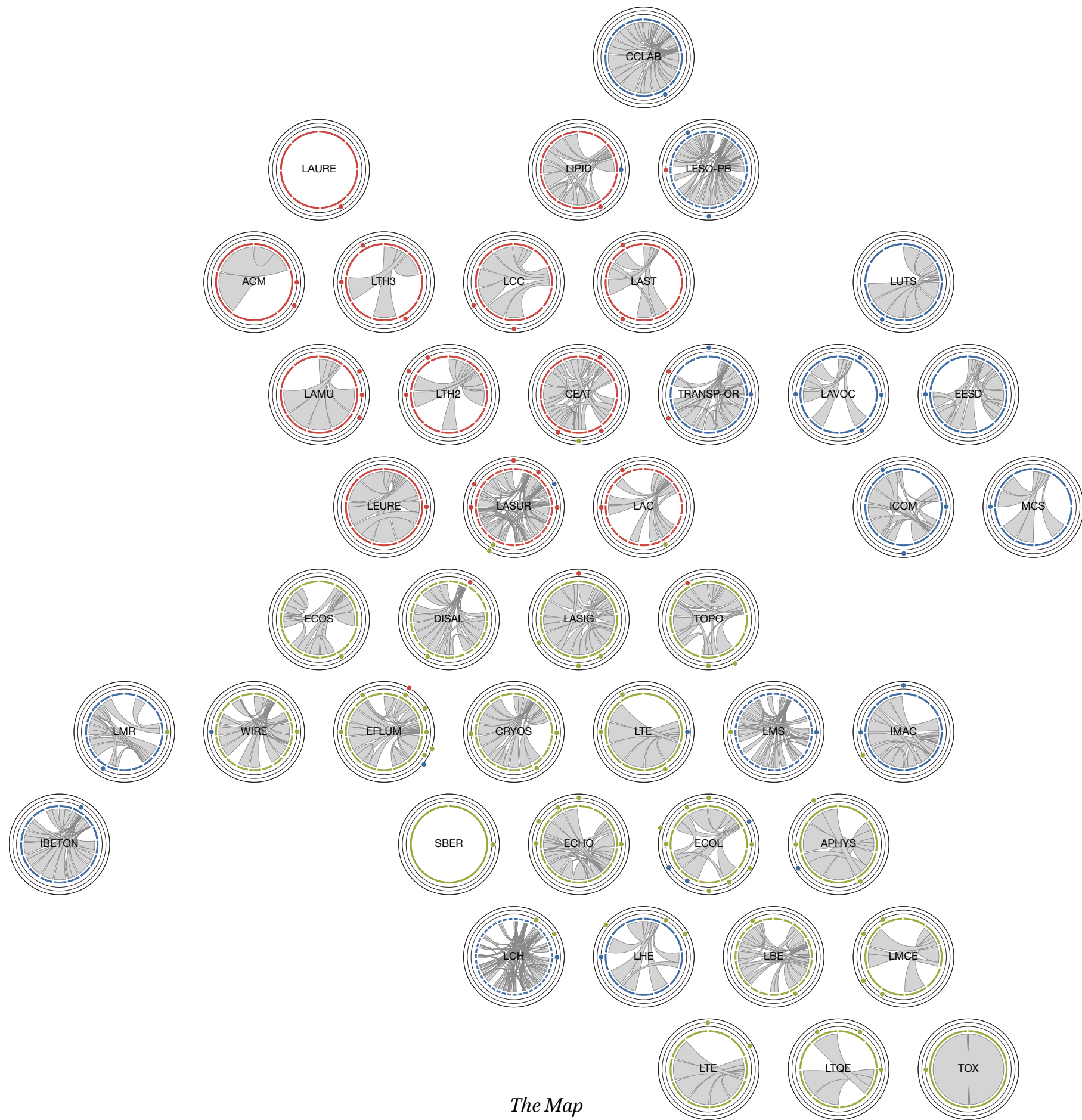




Chord diagram



Each laboratory has a special shape



The Map



LTH2



CEAT



TRANSP-

The Map

ECCUS

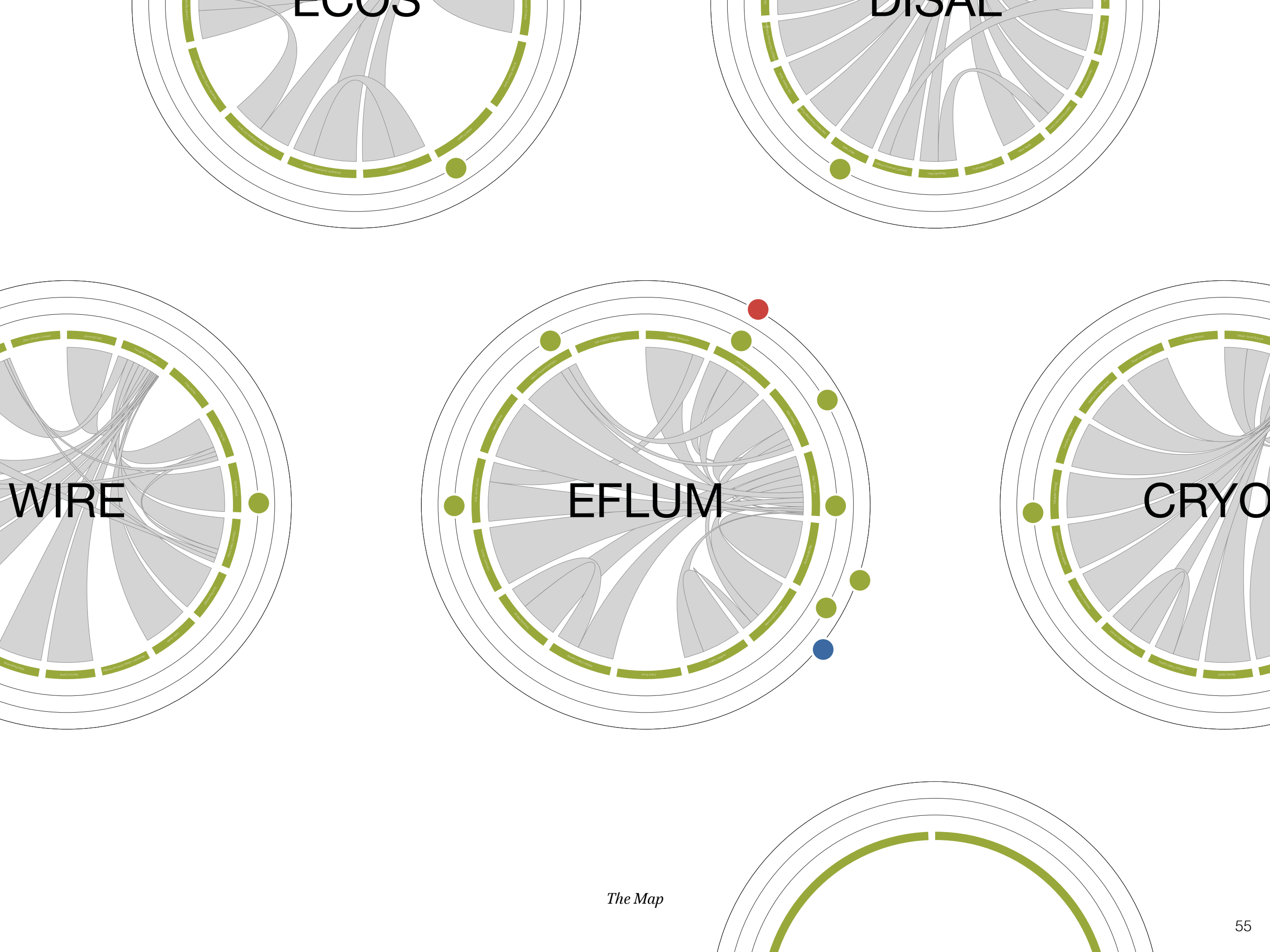
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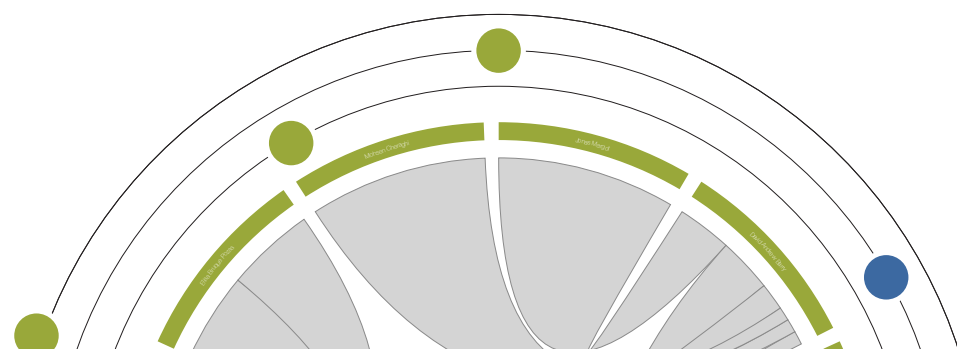
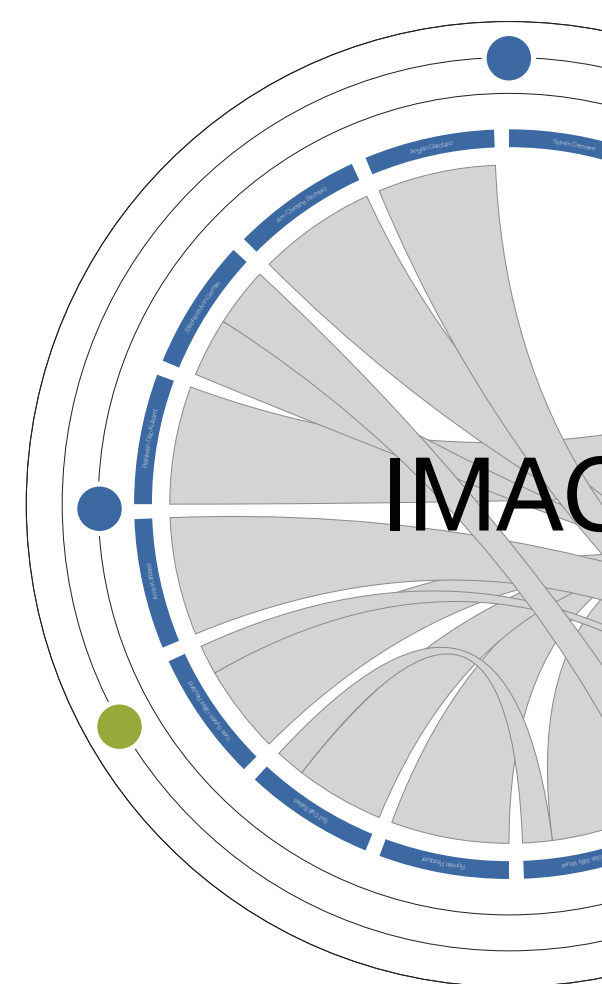
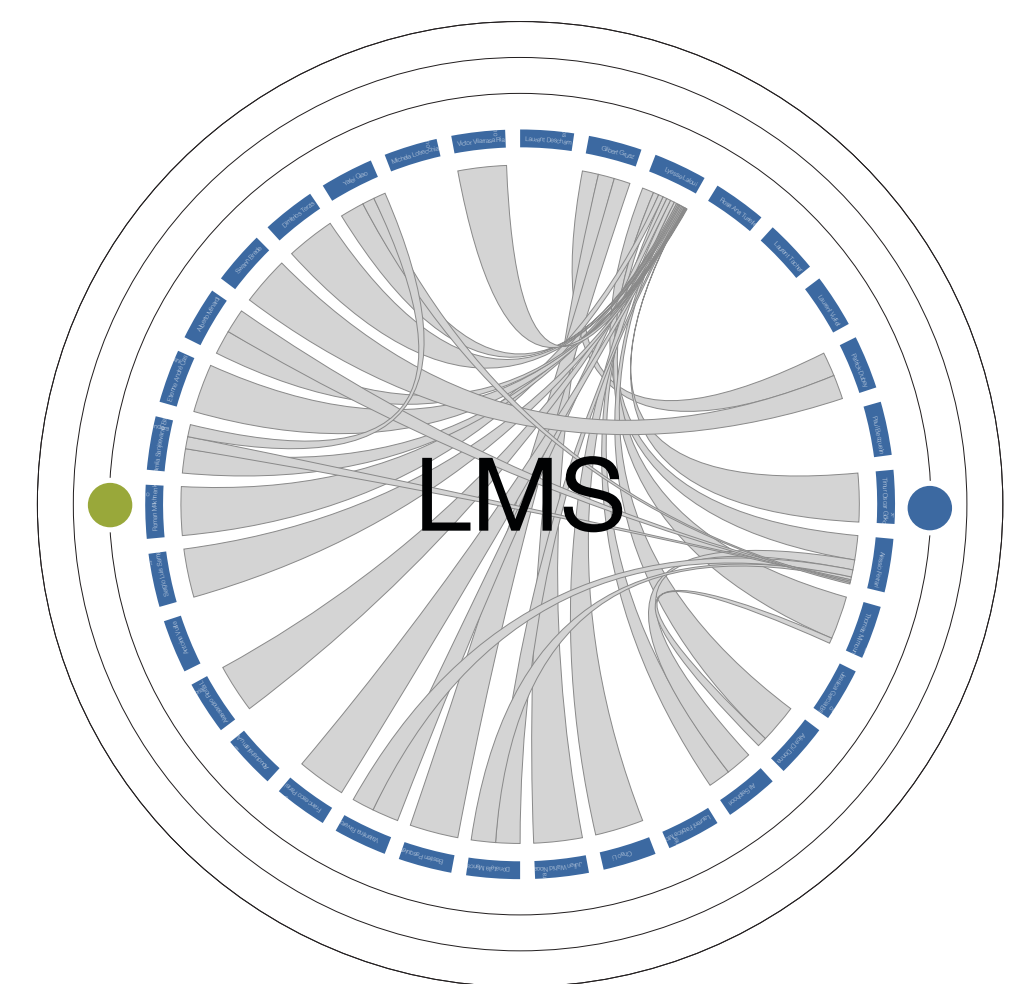
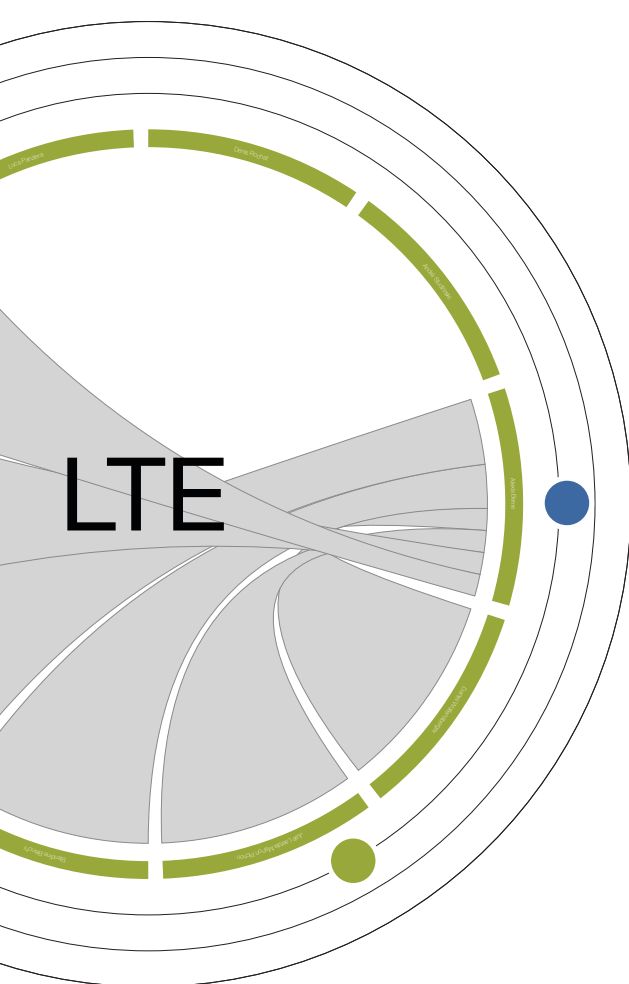
WIRE

EFLUM

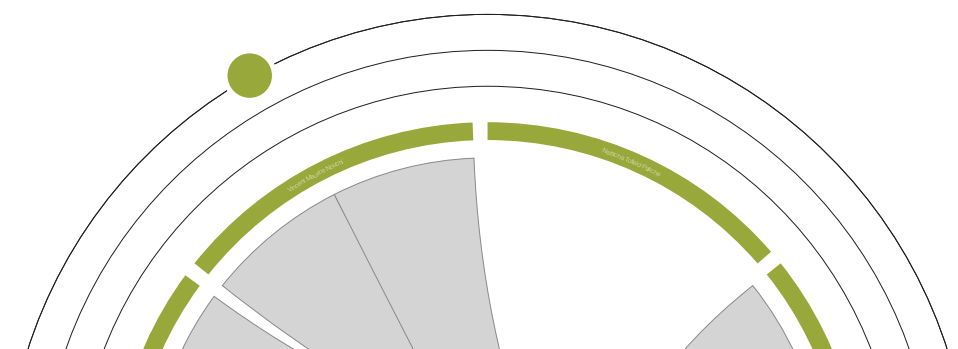
CRYO

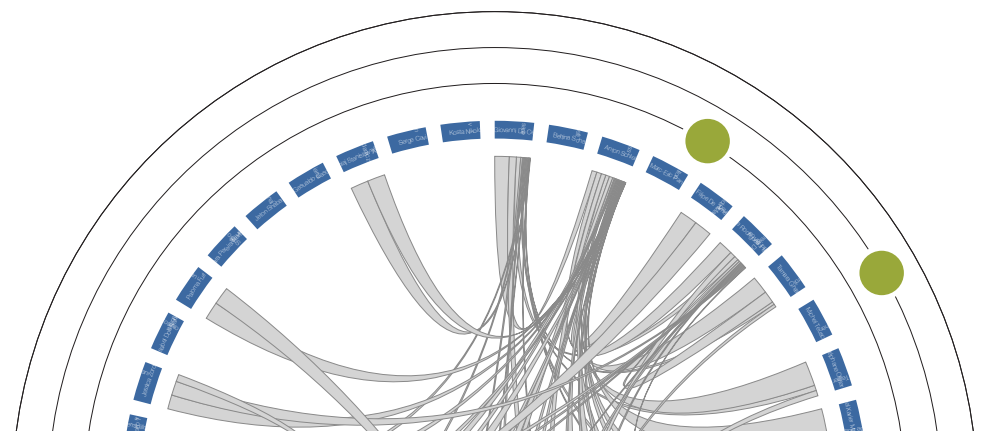
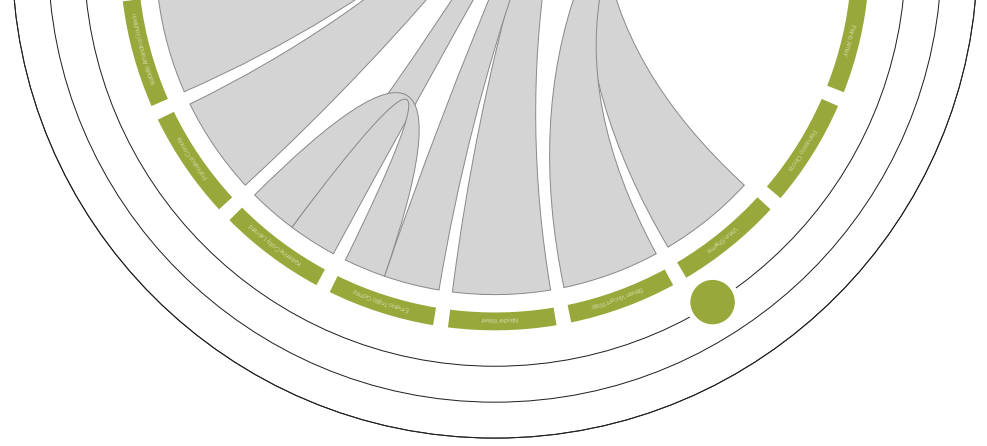
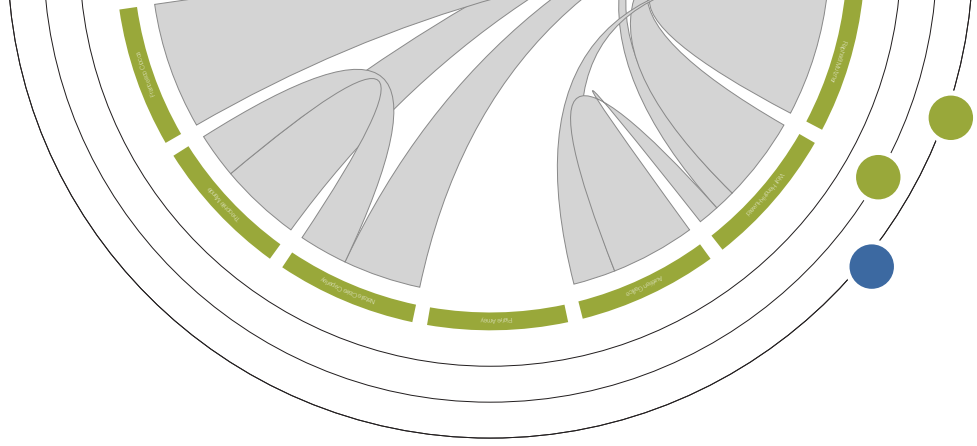
The Map





The Map





The Map

