

Alexandre Rigal, Dario Rodighiero, Loup Cellard

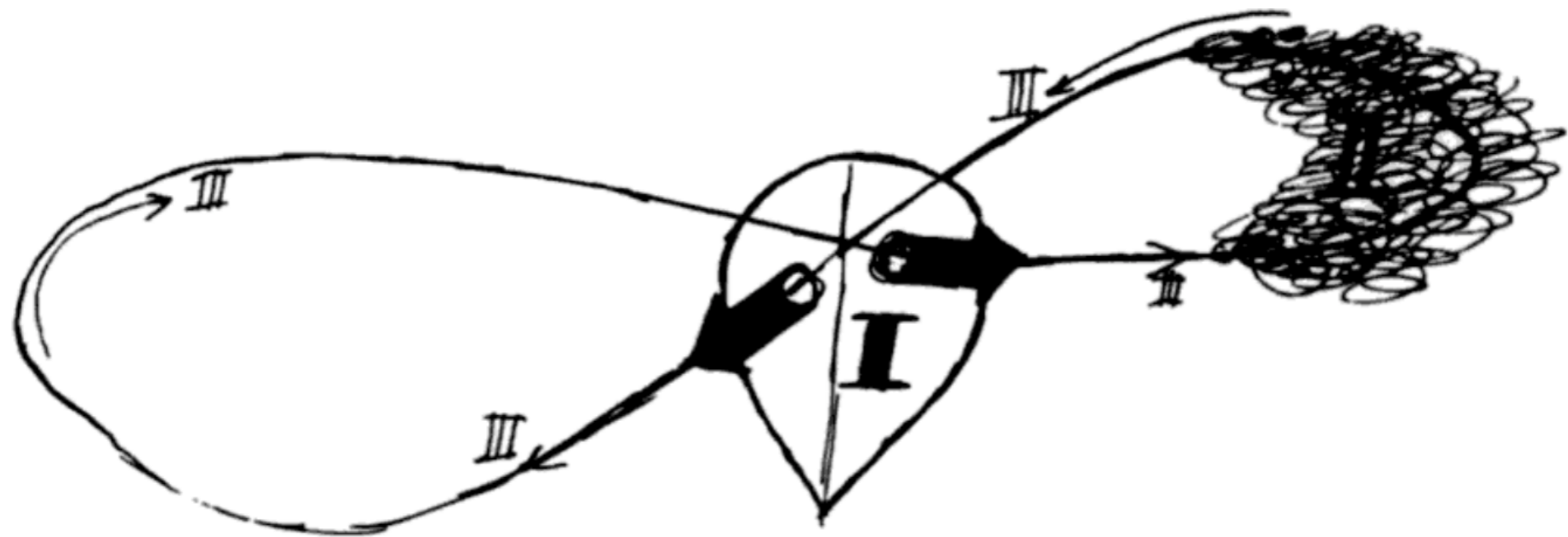
## *About Trajectories*

DHLAB / CHÔROS / CEAT, EPFL

## Summary of the presentation

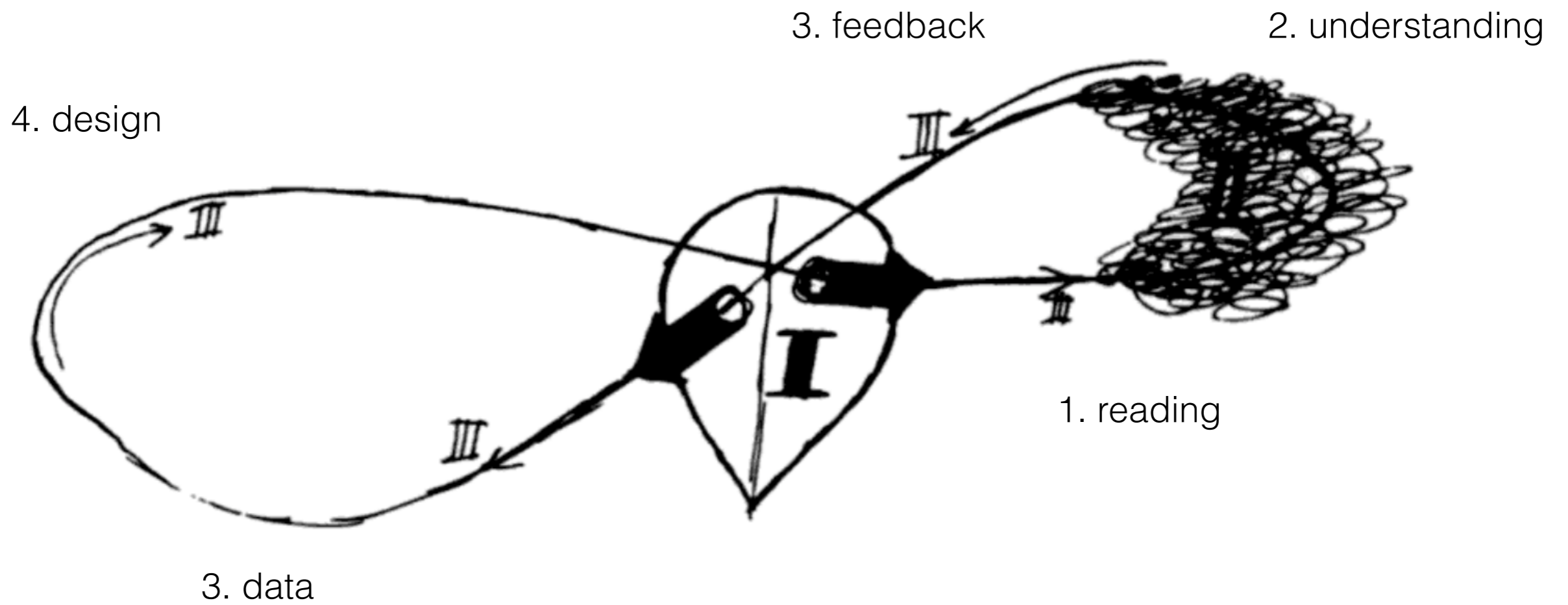
- Information Visualization + Digital Humanities
- Trajectories
- DHLAB Trajectories
- DH Community Trajectories
- What we can see
- Conclusions

# *Information Visualization + Digital Humanities*



Heart = Visualization  
Circulation = Information

*Paul Klee, drawing of the human heart  
from Visual Thinking by Rudolf Arnheim, 1969*



*Paul Klee, drawing of the human heart  
from Visual Thinking by Rudolf Arnheim, 1969*

# *Trajectories*

### *Network limits*

- *first, network relations are not sufficient to analyse complexity;*
- *second, networks do not distinguish between the qualitative differences of represented entities.*

## *Proposal*

- *first, trajectory represents not only distances, but also **durations**;*
- *second, trajectory shows how a singular entity moves, through its **evolutions in time**.*





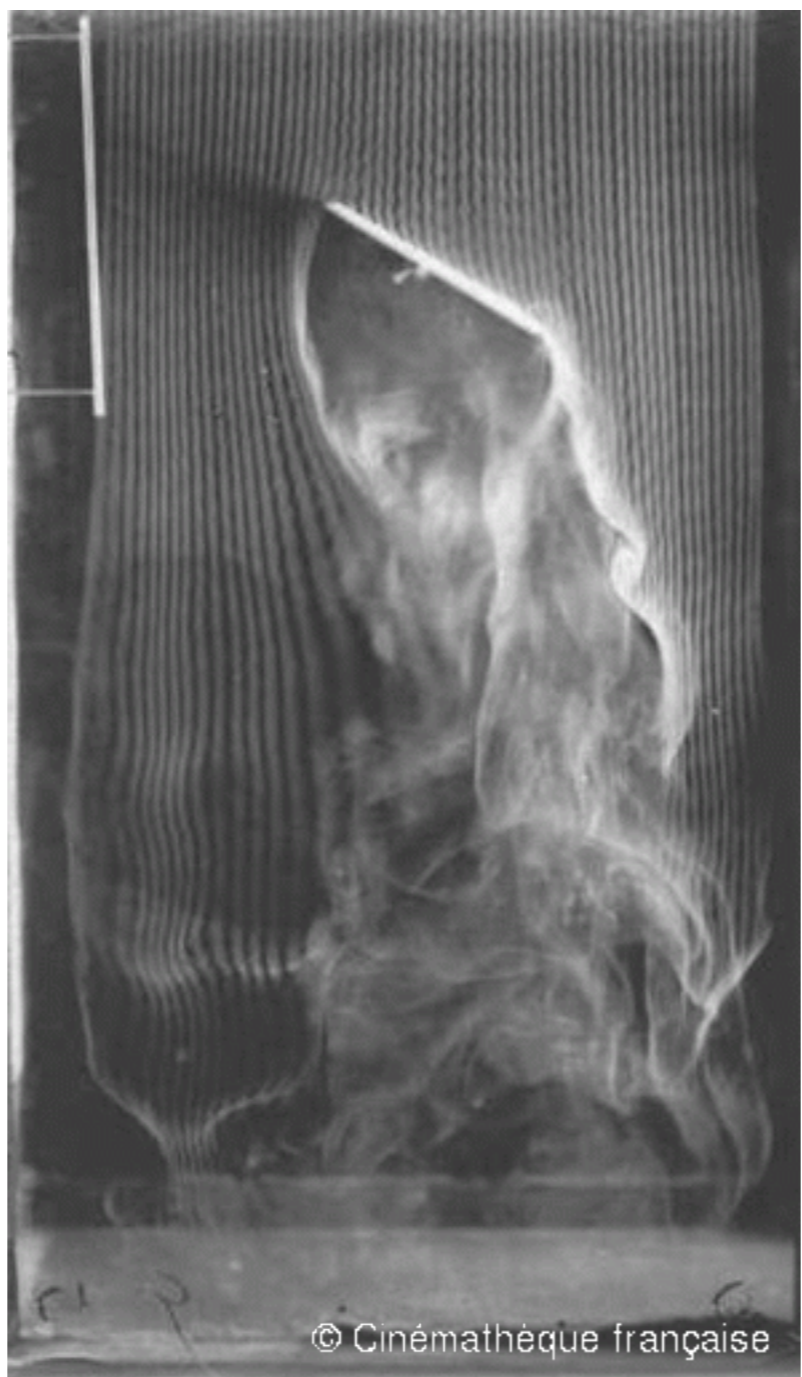
*Marcel Duchamp, Nude Descending a Staircase, 1912*



*Umberto Boccioni, Spiral Expansion of Muscles in Action, 1913*

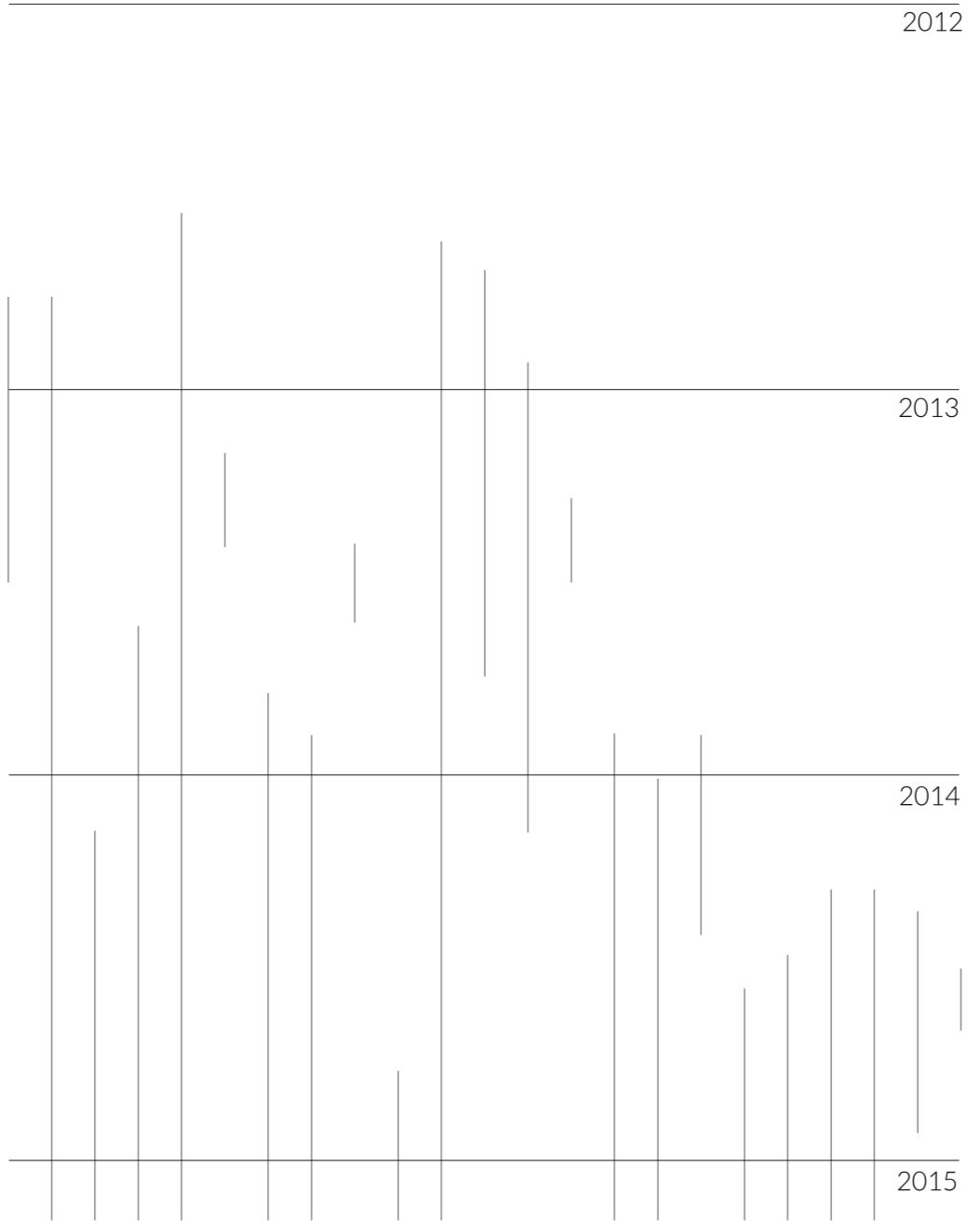


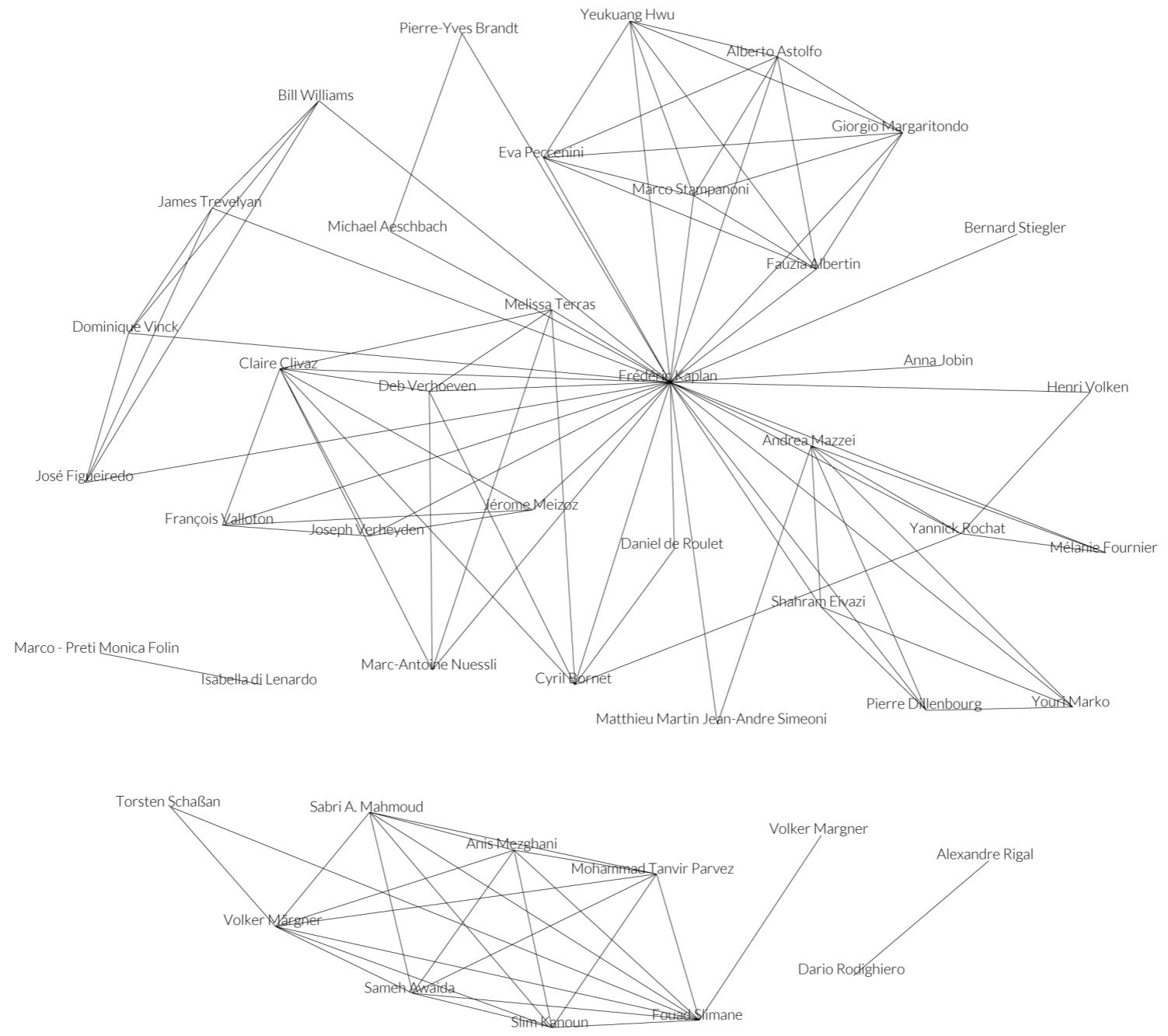
*Etienne-Jules Marey*

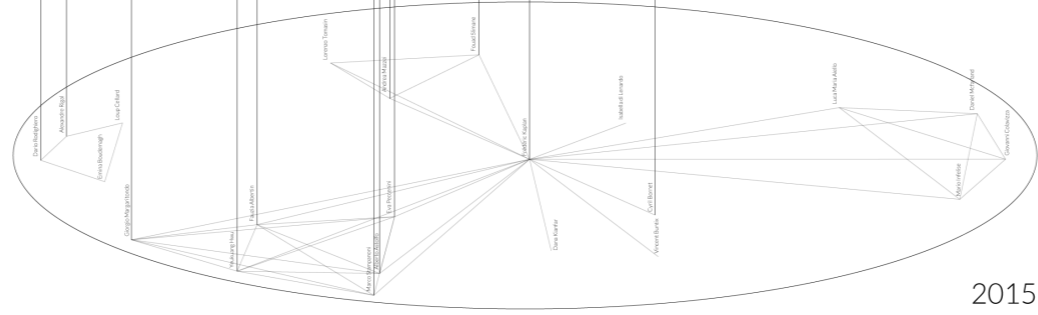
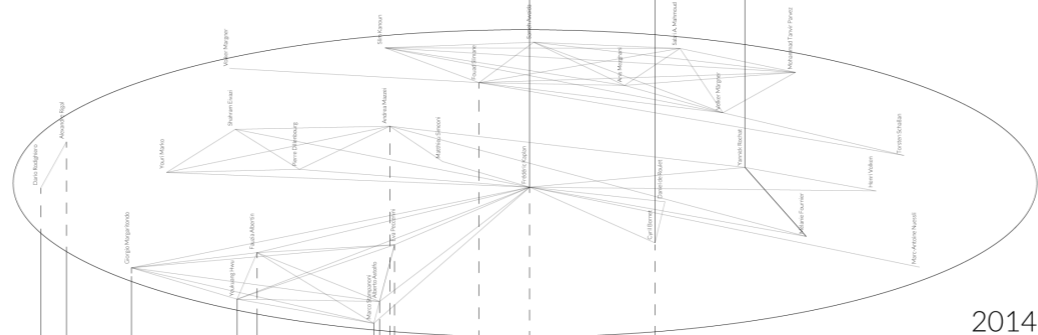
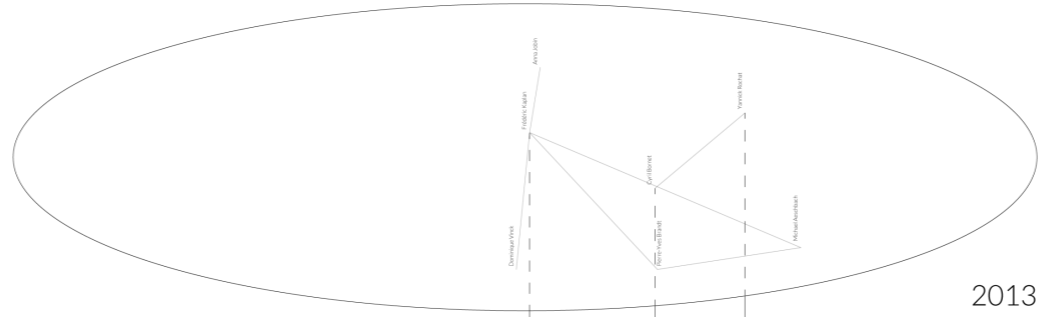


*Tilted plane, 60-degree angle, fourth and last version of the smoke machine equipped with 57 channels, Etienne-Jules Marey, 1901*

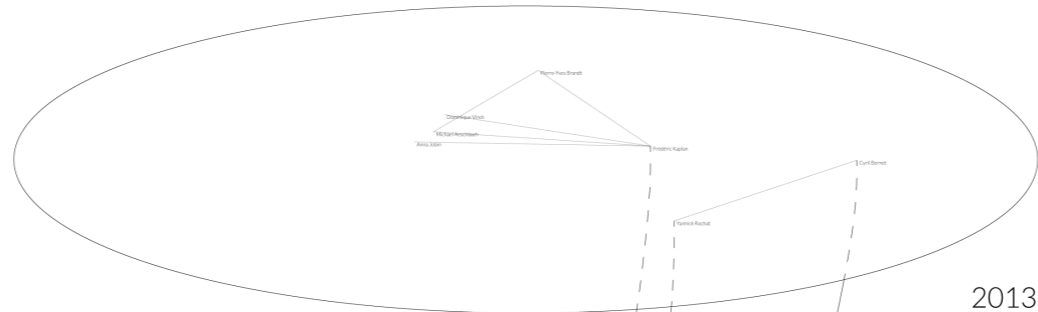
# *DHLAB Trajectories*



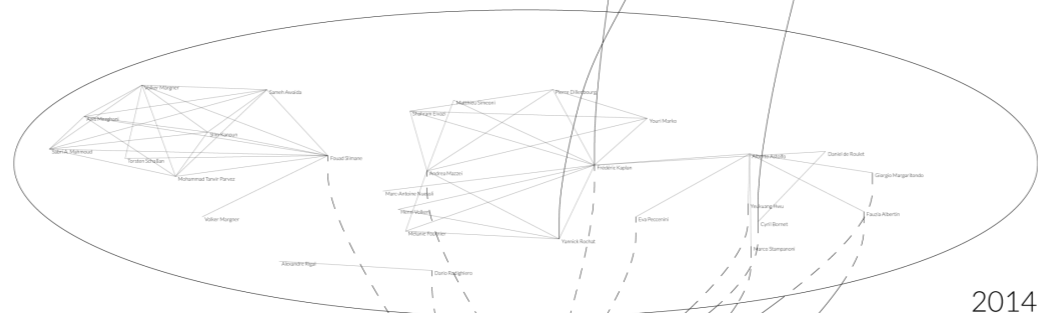




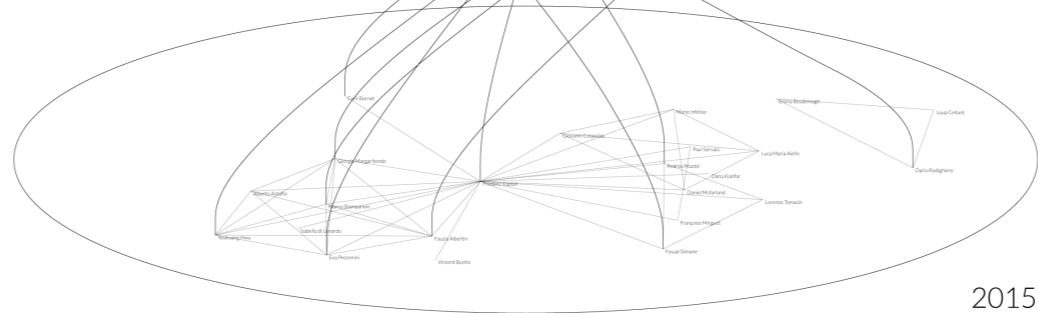




2013

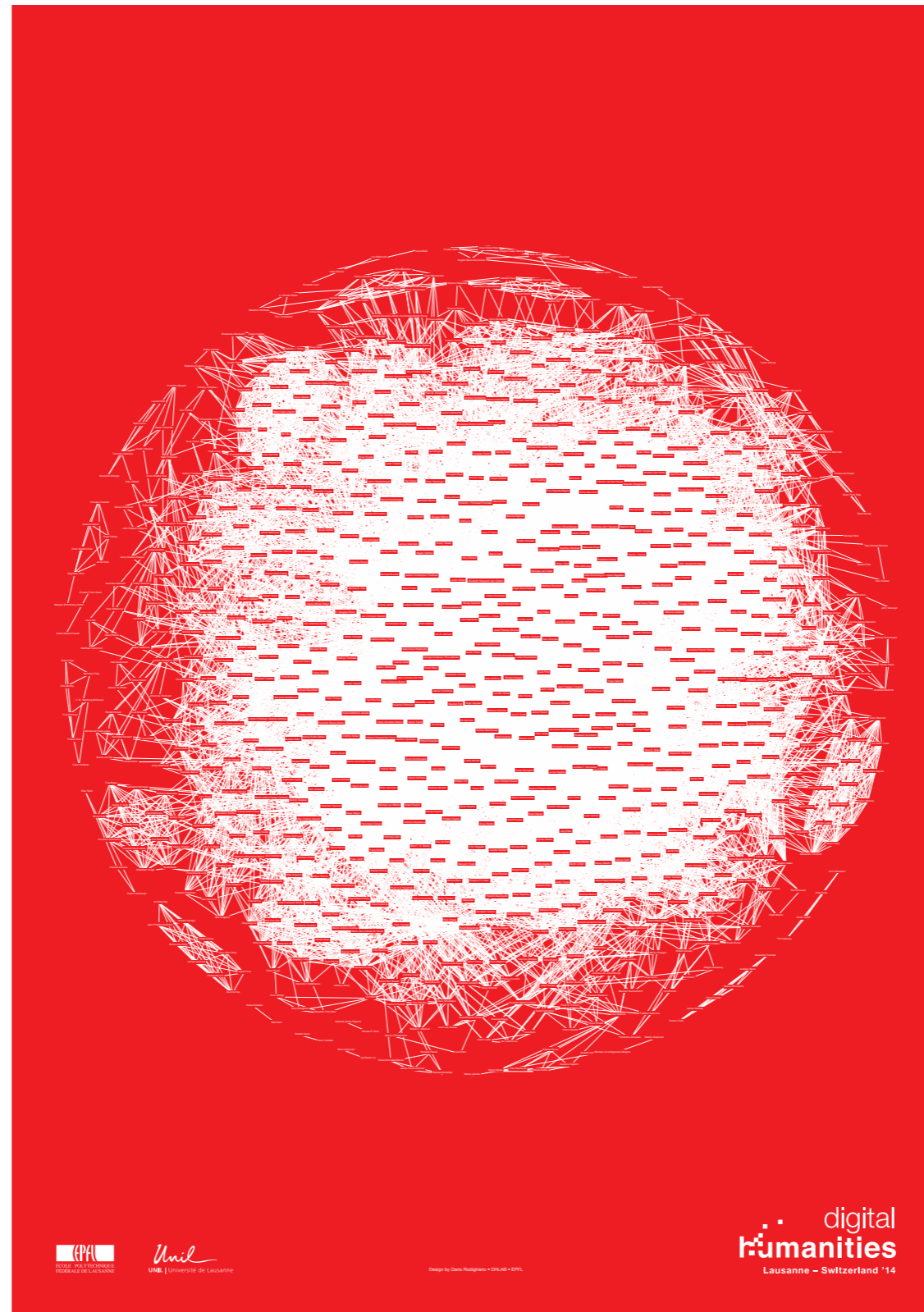


2014



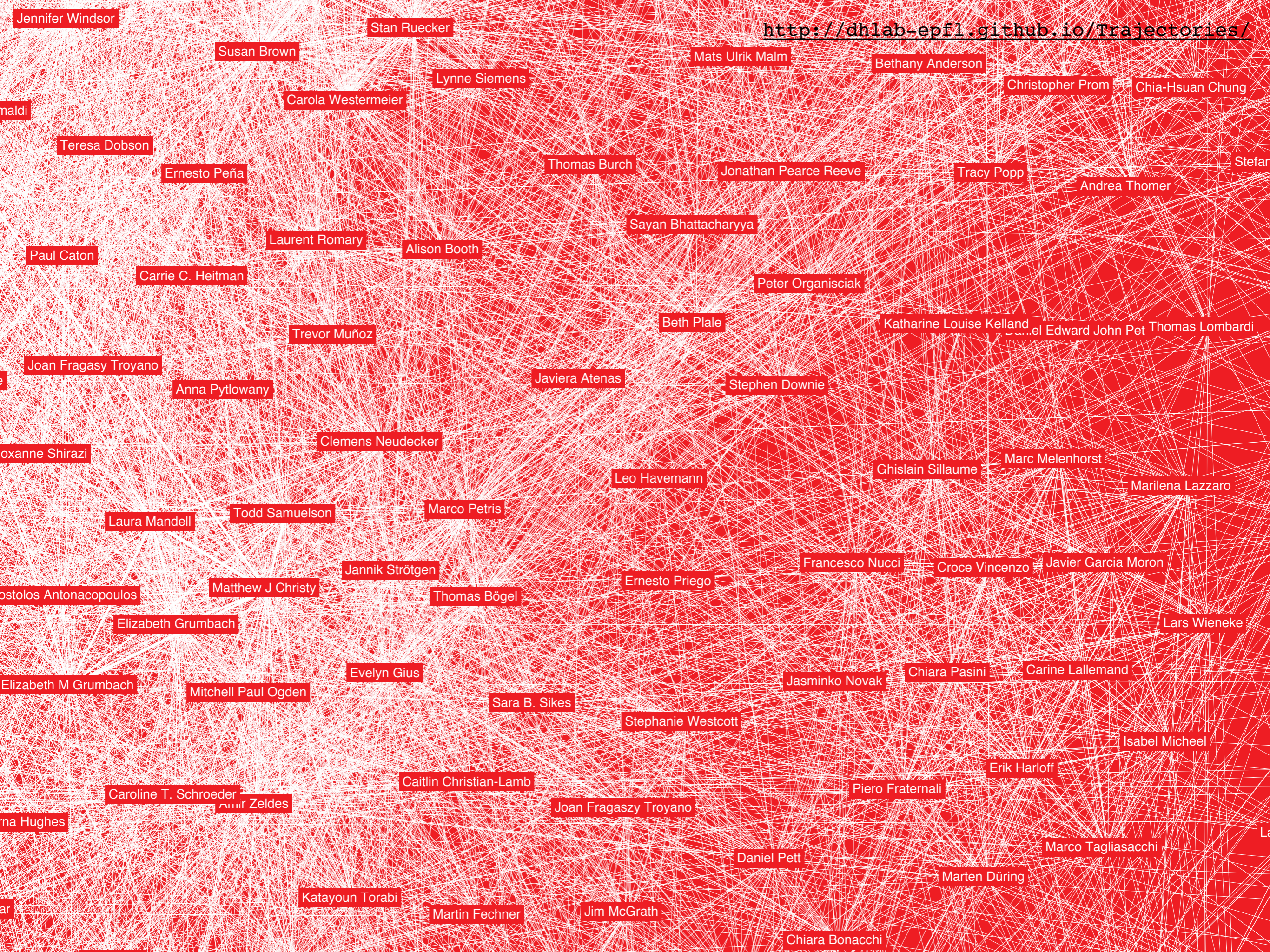
2015

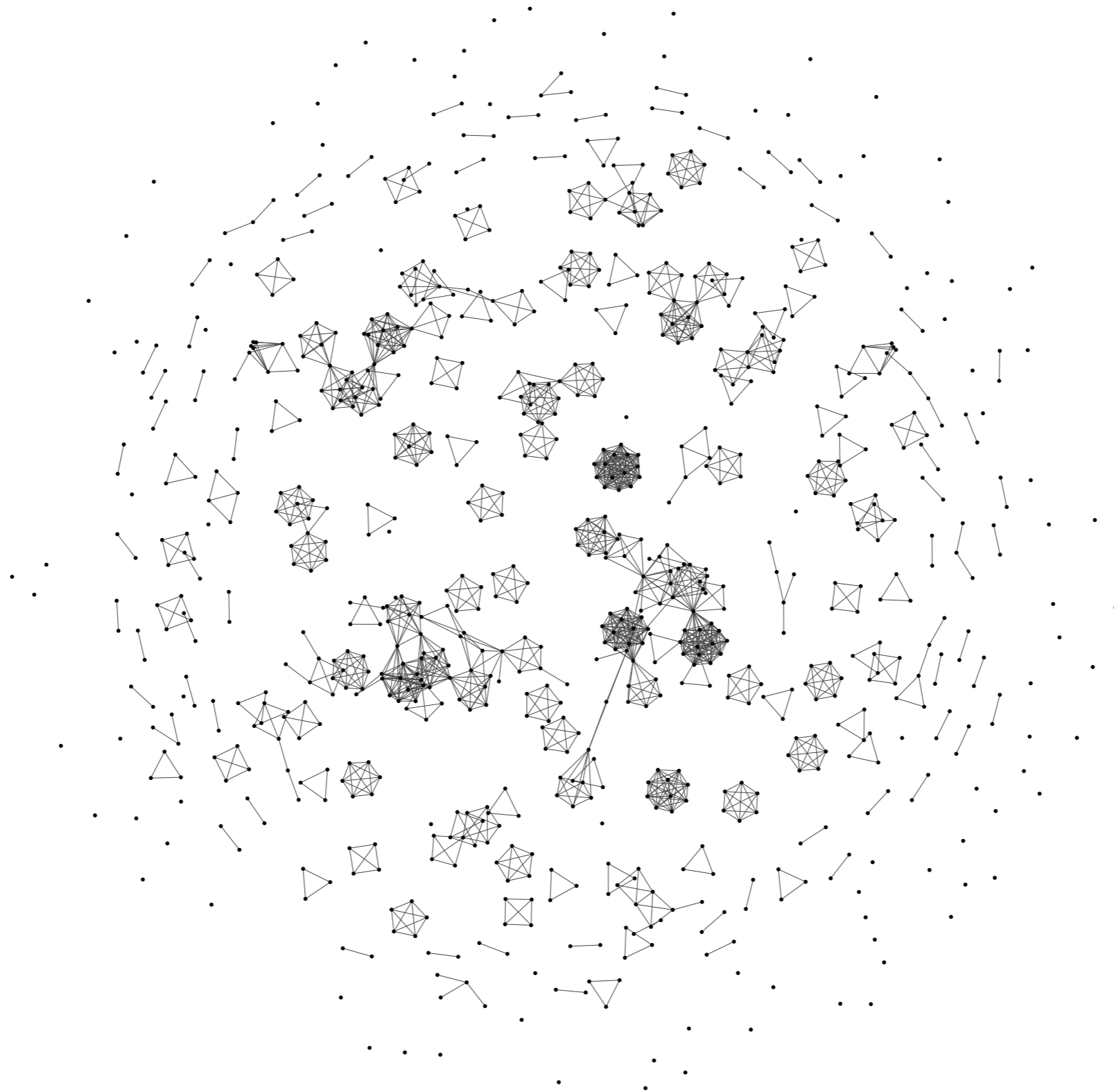
# *DH Community Trajectories*



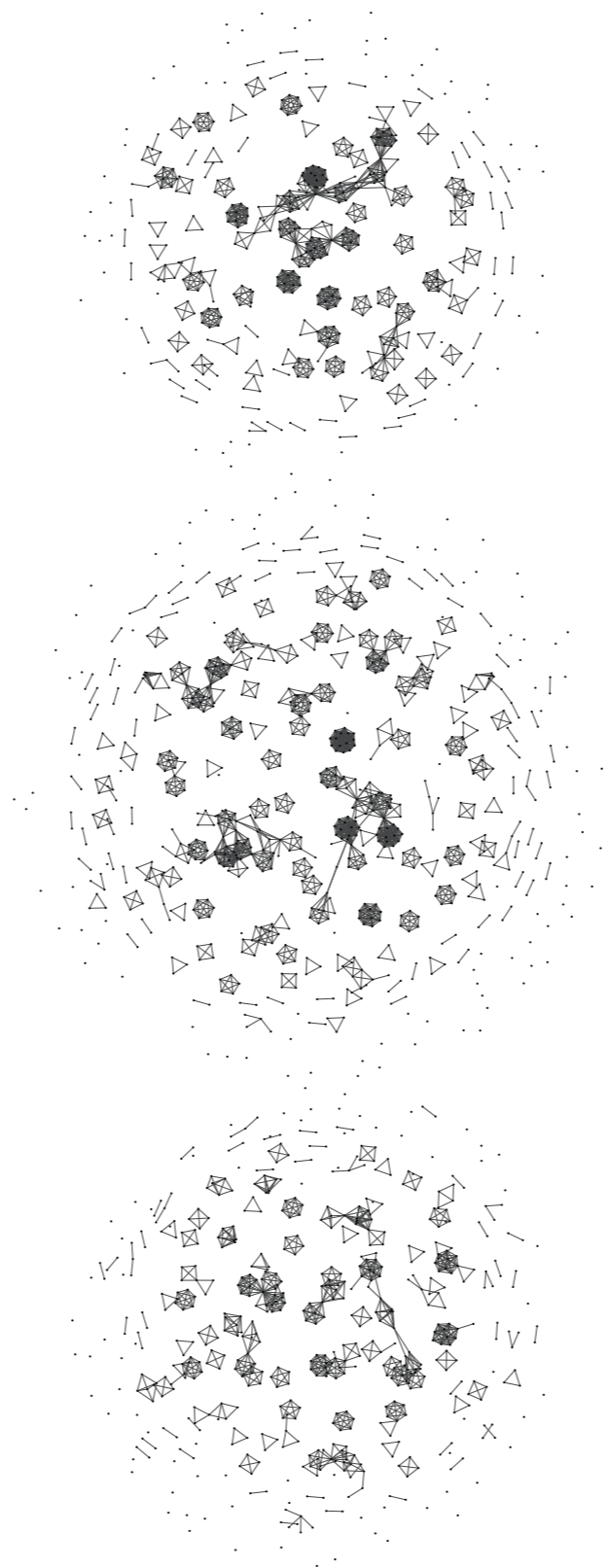


*DH2014, Lausanne*



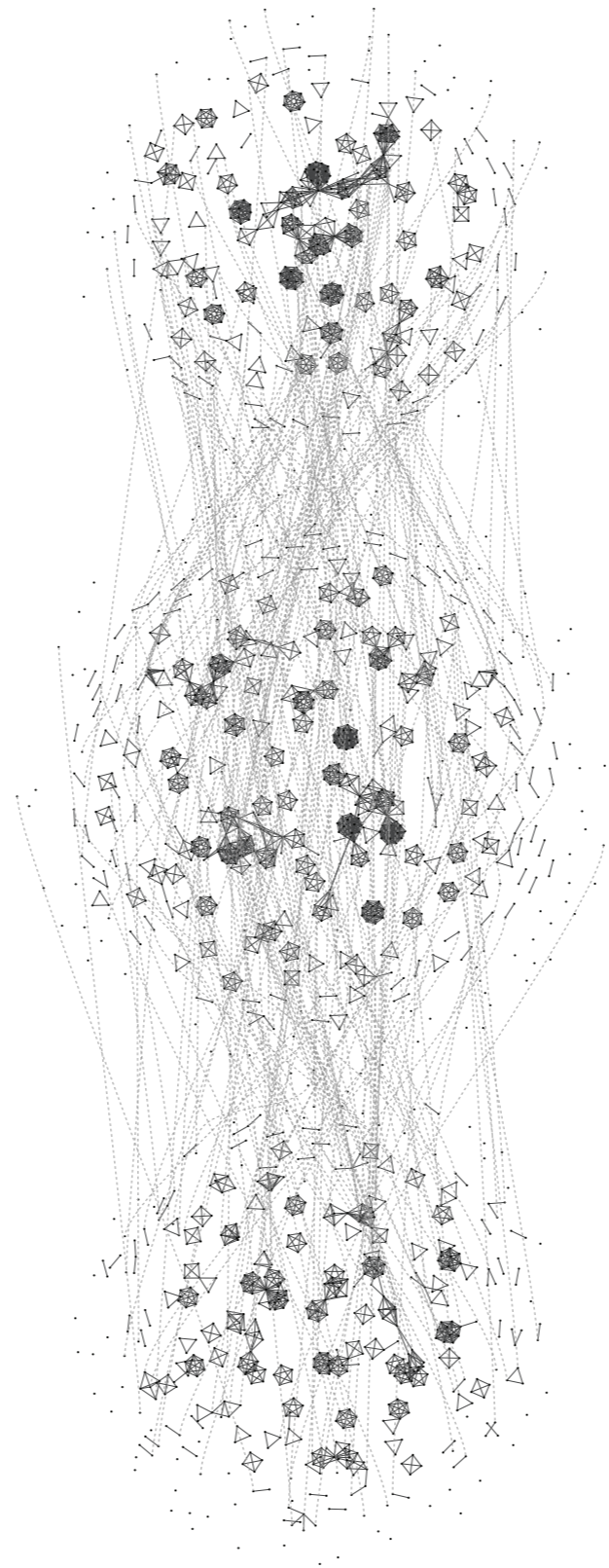


*DH2014 in Switzerland*



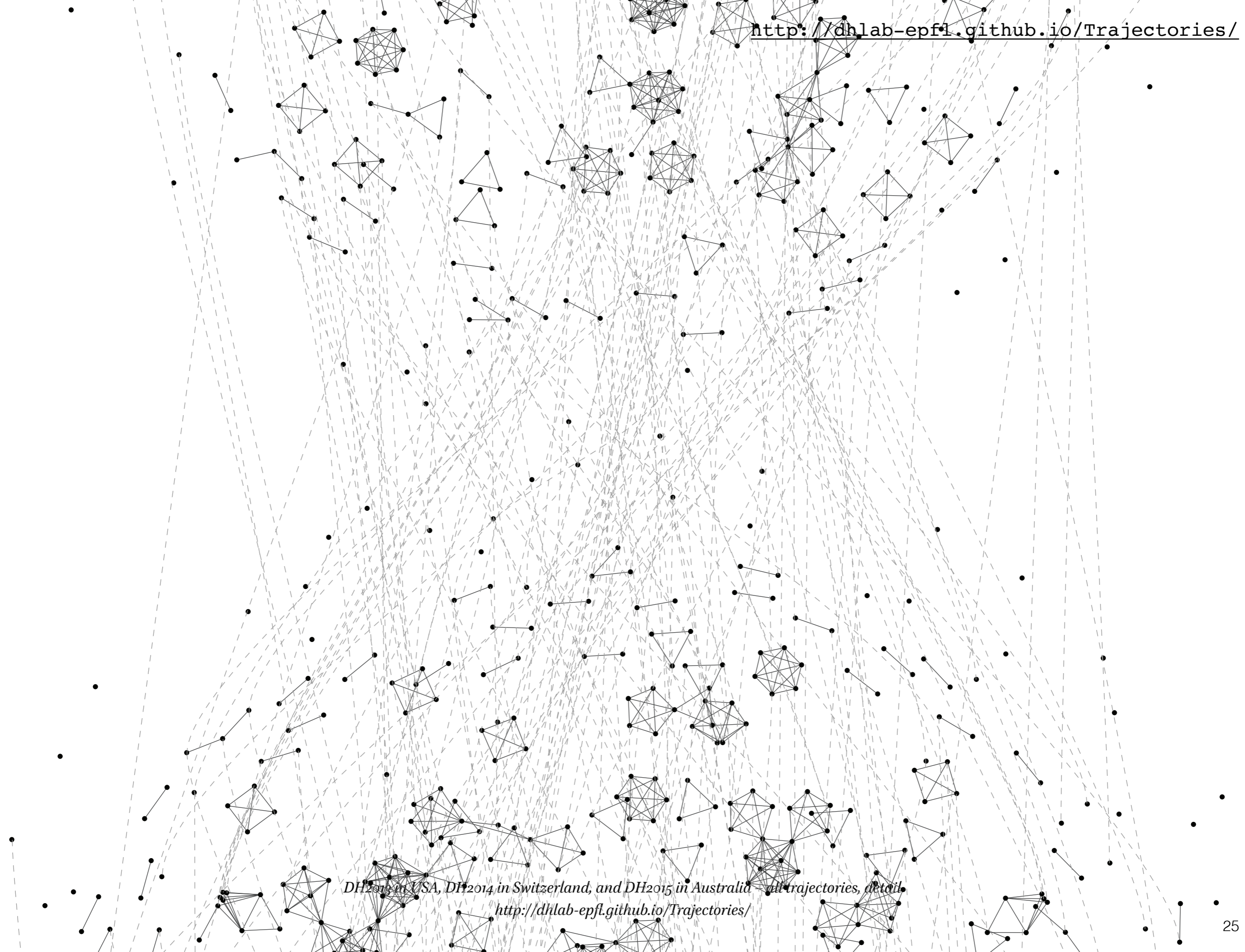
*DH2013 in USA, DH2014 in Switzerland, and DH2015 in Australia – three independent networks*

<http://dhlab-epfl.github.io/Trajectories/>



*DH2013 in USA, DH2014 in Switzerland, and DH2015 in Australia – all trajectories*  
<http://dhlab-epfl.github.io/Trajectories/>





*DH2013 in USA, DH2014 in Switzerland, and DH2015 in Australia - all trajectories, detail*

*What we can see*

● John Christopher Theibault

● Aaron Louis Plasek

● Roberto Rosselli Del Turco

*New scholars*

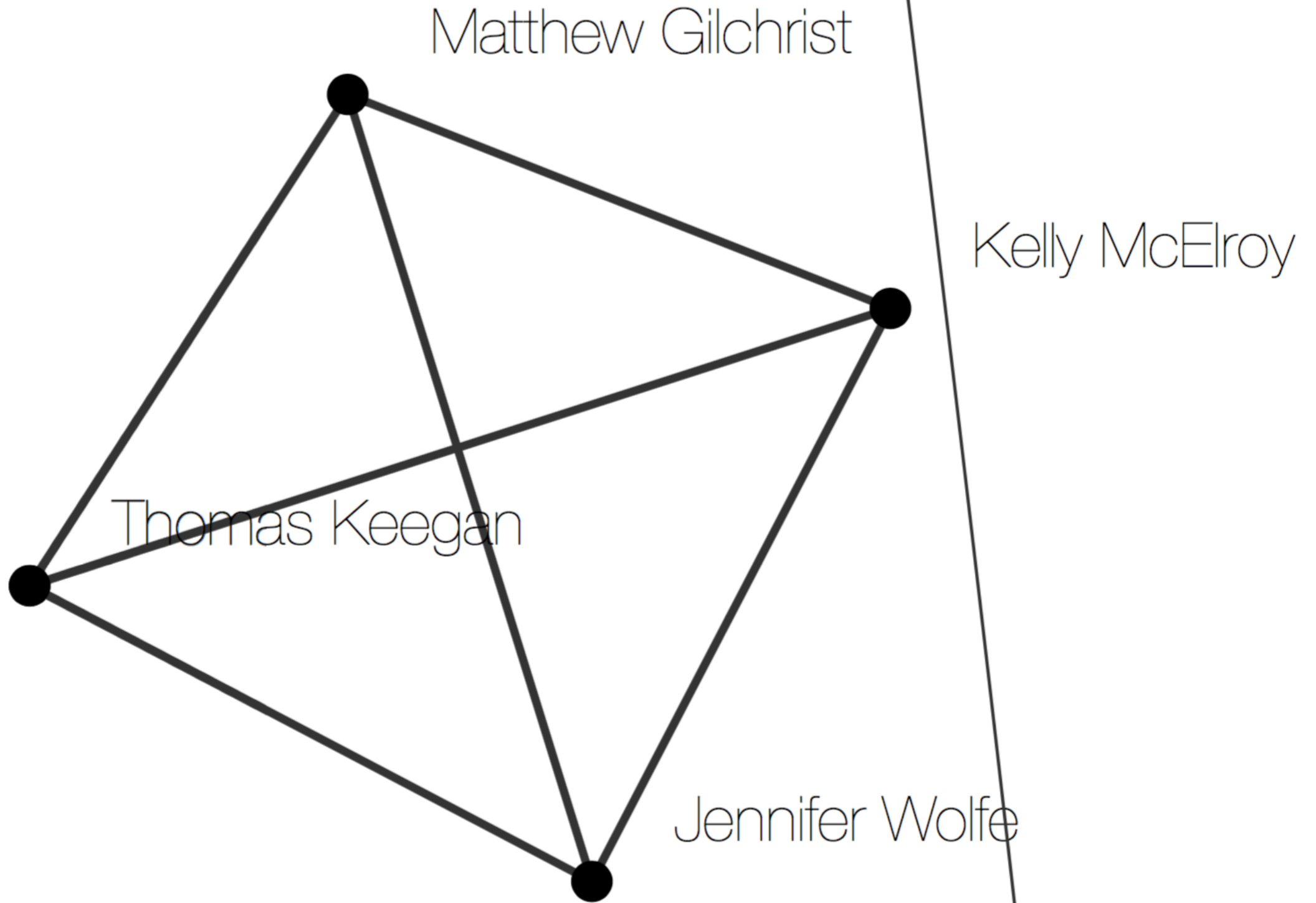


Paul Caton



Øyvind Eide

*Scholars who attended all conferences*



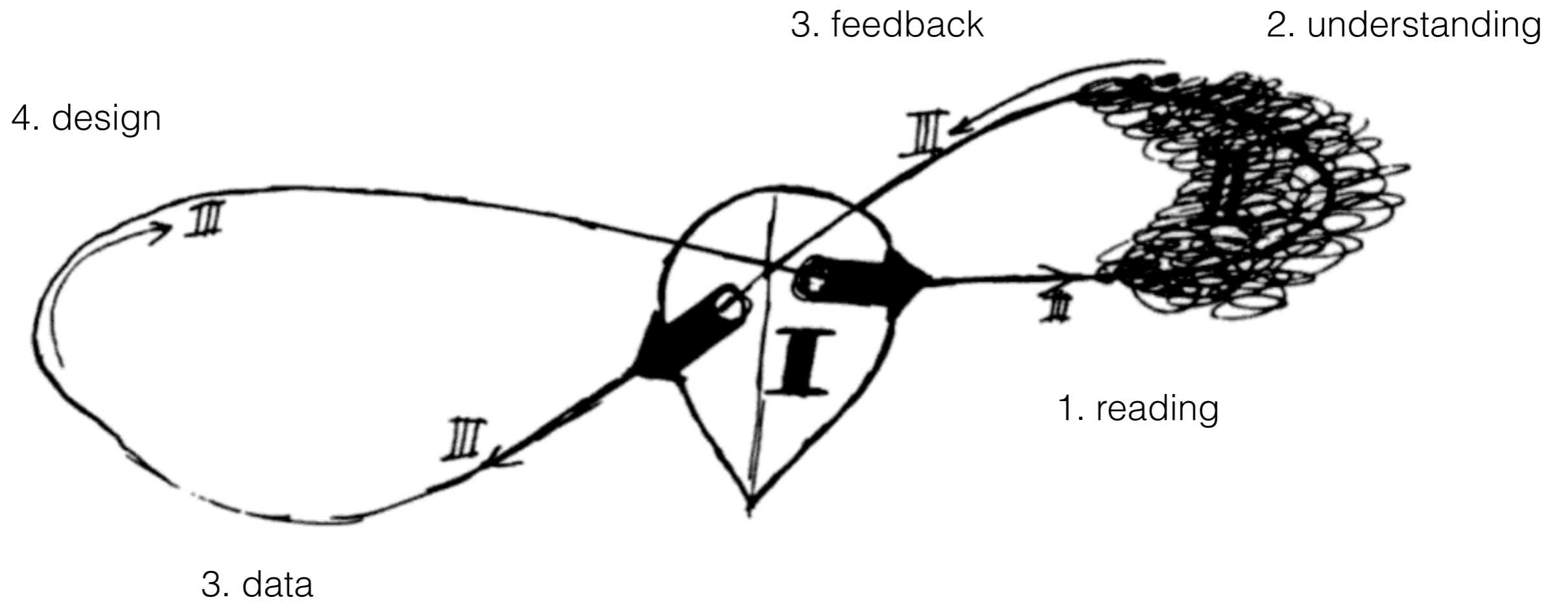
*Papers of new attendees*



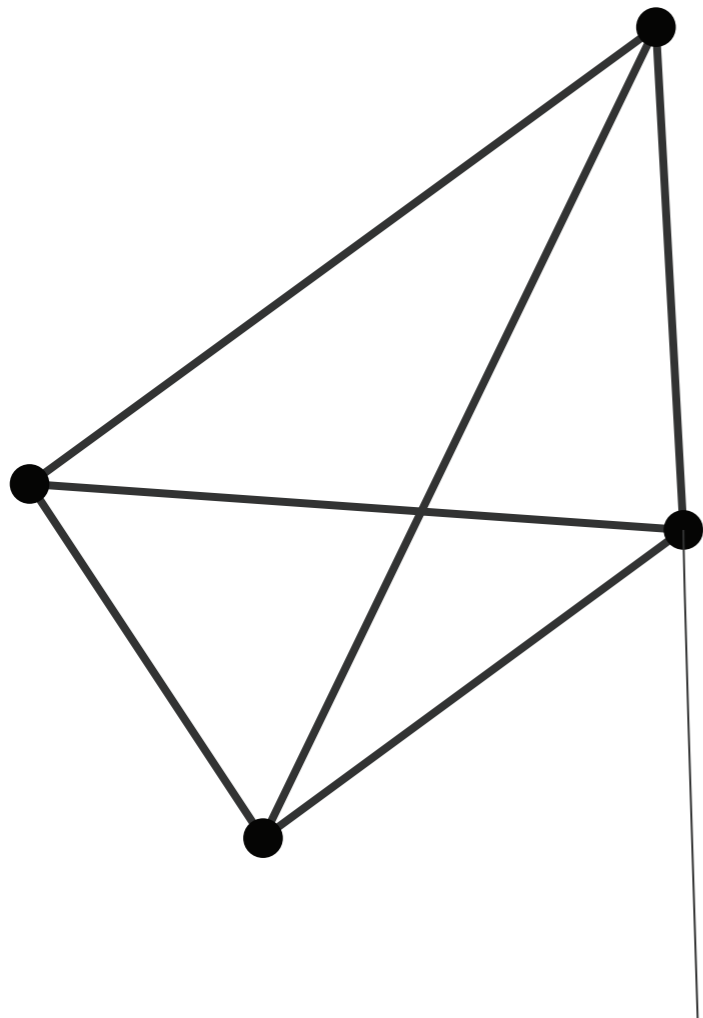
*Papers of new and old attendees*

# *Conclusion*





*Paul Klee, drawing of the human heart  
from Visual Thinking by Rudolf Arnheim, 1969*



*END*

Dario Rodighiero