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
ENAC co-publications 2014 – Emina Boudemagh and Dario Rodighiero
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
First try of the trajectory tool representing the DHLAB
Second try of the trajectory tool representing the DHLAB
Concept IV — Distant View
Timeline visualization 1/3
Timeline visualization 3/3
Concept V — *Utopia of the perfect network*
Utopia of the representation

The garden city utopia: a critical biography of Ebenezer Howard
Before Harry Beck
After Harry Beck
Concept VI — Pyramid
Pyramid
DESIGNER

mutual understanding

understanding

cycle

refinement

ORGANIZATION

DATA

VISUALIZATION

Pyramid - designer
mutual understanding

representation

understanding

update

**Pyramid - reader**
Concept VII — Appropriation
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Concept VII — Appropriation
Concept VII — Appropriation
Concept XIII — Materiality
Large visualizations
Very large visualization
Current Design
The forms of representation
The forms of representation
The forms of representation
The forms of representation
Chord diagram
Each laboratory has a special shape
The Map
The Map