

# Designing the Part-Whole Self

Dario Rodighiero (Harvard University, Metalab)

July 31, 2020

HUGSA Virtual Conference: Designing the Self



Giuseppe Pellizza da Volpedo 1901. *The Fourth Estate*



Raphael 1509. *The School of Athens*

# **Digital Humanities Conference 2020**

~ 500 articles, posters, workshops

~ 1,100 authors

## **Artificial Intelligence**

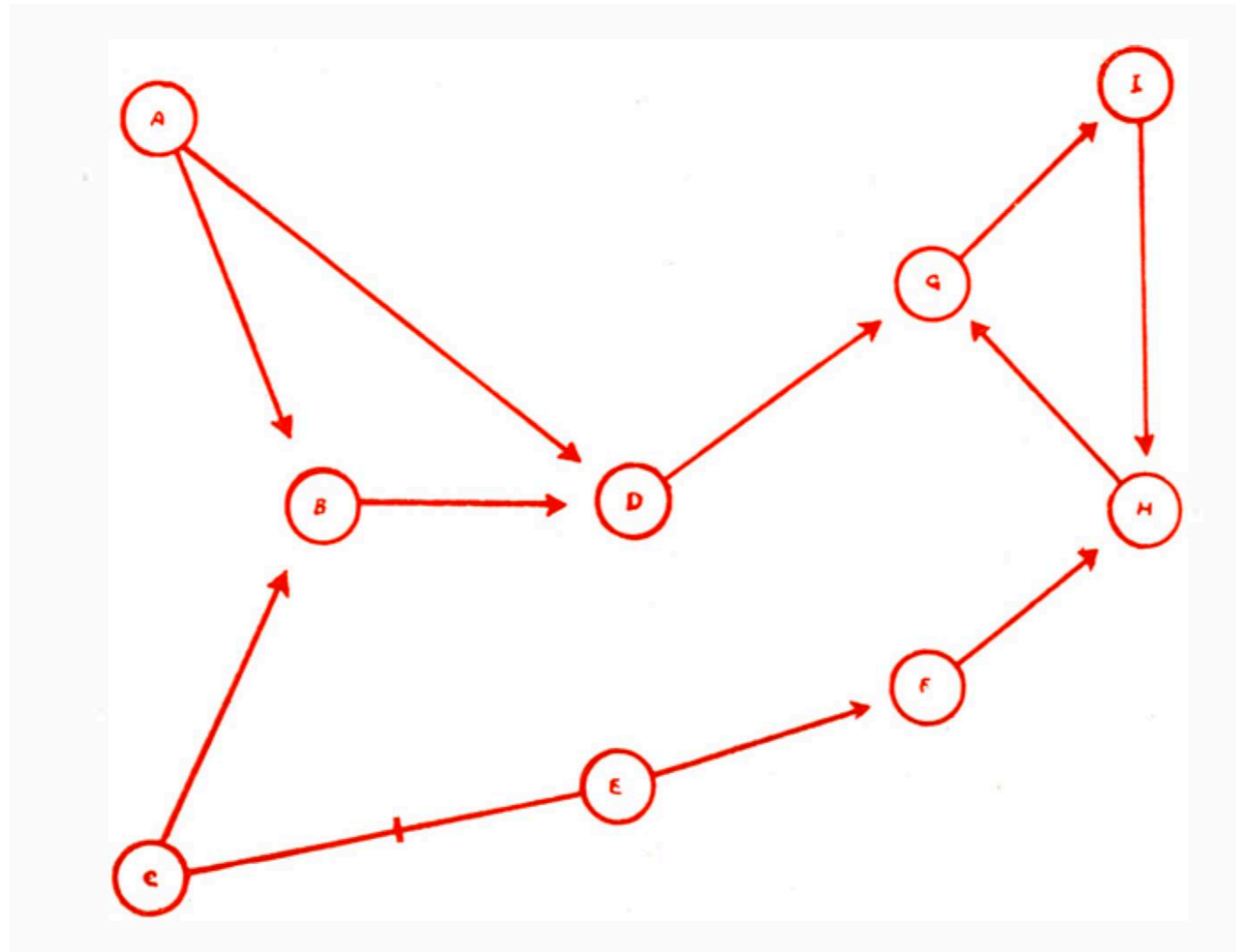
Natural Language Processing

Network Visualization

```
{
  "name": "Matteo Romanello",
  "docs": 1,
  "id": 310,
  "tokens": {
    "historical": 10,
    "design": 8,
    "newspaper": 8,
    "mining": 8,
    "revisiting": 5,
    "impresso": 5,
    "criticism": 5,
    "challenge": 5,
    "interface": 5,
    "content": 5,
    "processing": 4,
    "image": 4,
    "source": 4,
    "scholarship": 4
  },
  "relevancy": 80,
  "x": -607,
  "y": 368
},
```

```
{
  "index": 263,
  "value": 0.28998242530755713,
  "source": {
    "x": -466,
    "y": 368
  },
  "target": {
    "x": -607,
    "y": 368
  },
  "tokens": {
    "historical": 20,
    "design": 16,
    "newspaper": 16
  }
},
```

The author as a **part**, the links as the relationships with the **whole**



Moreno, Jacob L. 1934. *Who Shall Survive?*

# **The Cartography of DH2020**

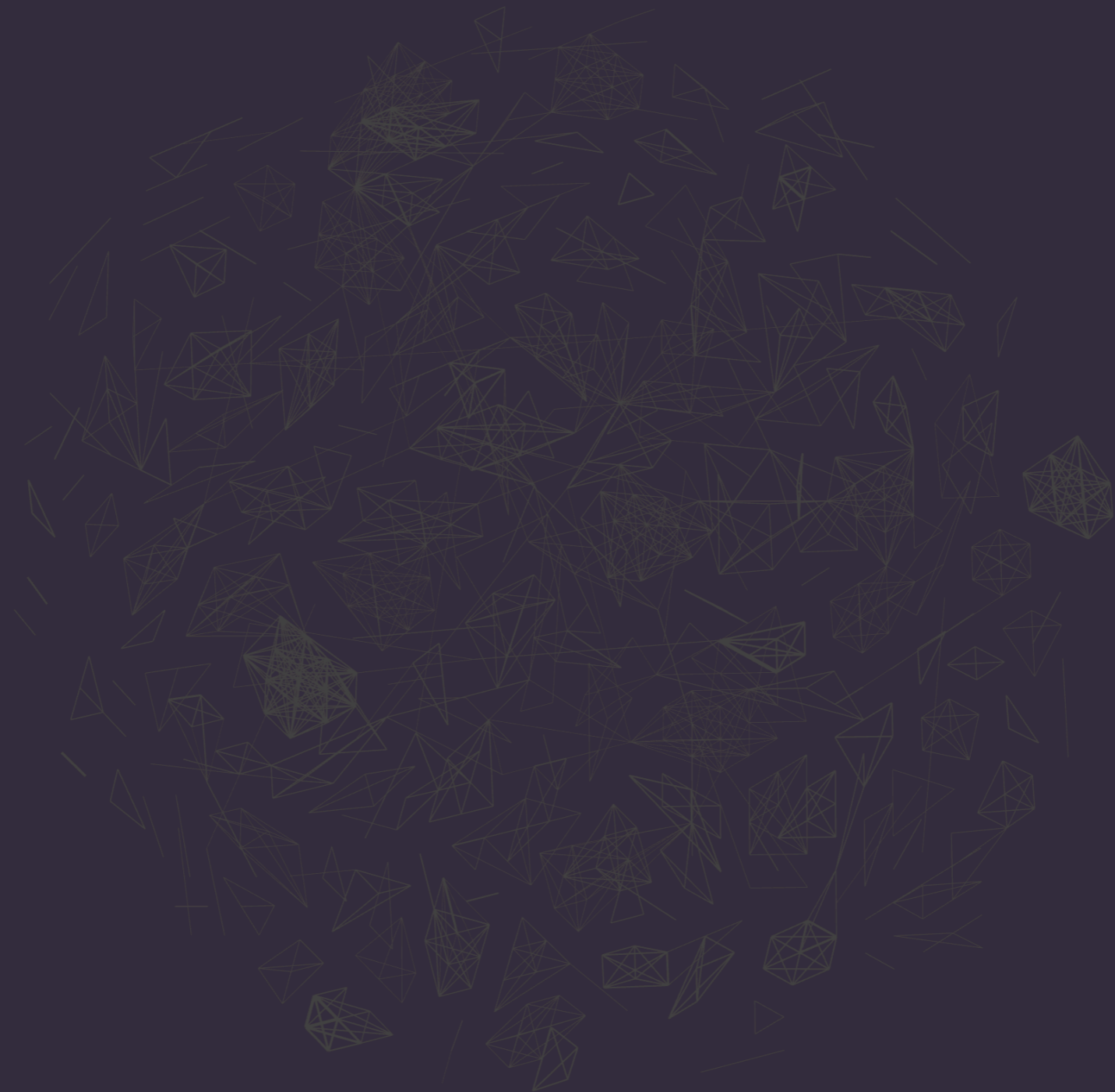
Network

Elevations

Keywords of couples

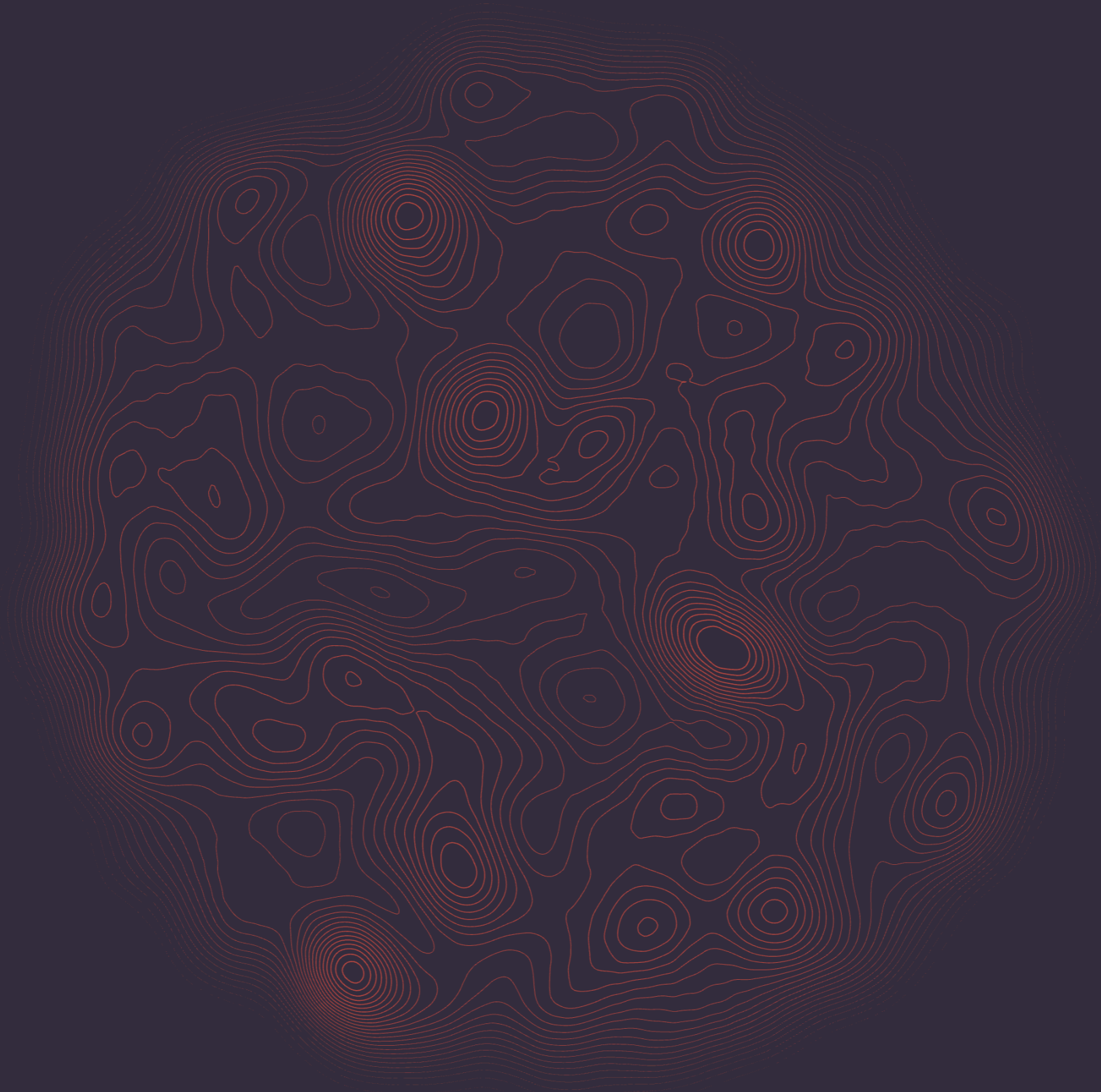
Authors

Keywords of triplets



Network





Elevations



Keywords of couples

Johanna Beyer

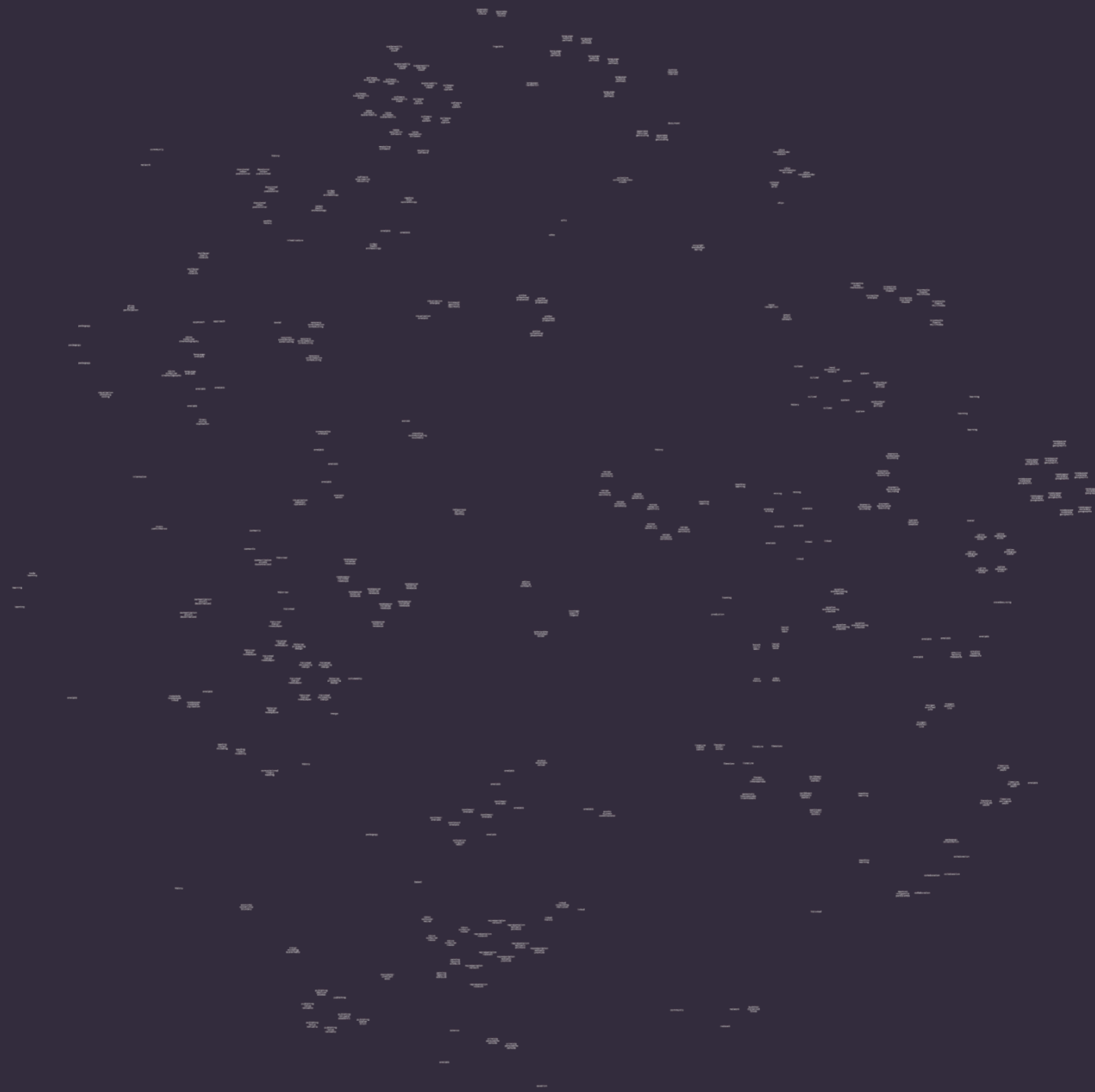
1 Publications

Tokens by tf-idf

- discourse
- keyword
- context
- pattern
- textile
- visualizing
- analysis
- visualization



Authors



Keywords of triplets



The cartography is available at

<https://rodighiero.github.io/DH2020/>

# Conclusion

1.

Network **visualization**

Designing the part-whole self

2.

**Distinction** using words and dictionaries

Natural Language Procession

3.

Personal **recognition**

Collective recognition

4.

**Open-source** Repository on GitHub

Replicability

# Thanks

@darioRodighiero

<https://darioRodighiero.com>

<https://rodighiero.github.io/DH2020/>

*More information about the lexical cartography in:*

*Moon, Chloe Ye-Eun, and Dario Rodighiero. 2020. "Mapping as a Contemporary Instrument for Orientation in Conferences."*

*In Atti Del IX Convegno Annuale AIUCD. La Svolta Inevitabile: Sfide e Prospettive per l'Informatica Umanistica. Quaderni Di*

*Umanistica Digitale. Università Cattolica del Sacro Cuore. [doi:10.5281/zenodo.3611341](https://doi.org/10.5281/zenodo.3611341).*