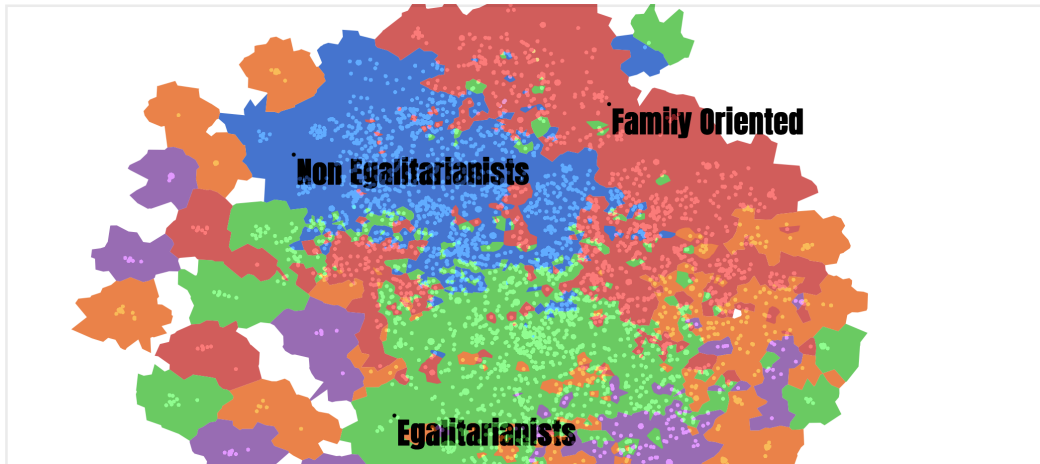


# European Values Maps: Visualization of Large Opinion Spaces

**Speaker:** Tamara Mchedlidze, Utrecht University, Assistant professor at the Department of Information and Computing Sciences.



**Abstract:** European Values Study [EVS] is a large-scale, cross-national, repeated survey on basic human values. In our project, European Value Maps [EVM], we apply data analysis and visualization techniques to the EVS data to construct conceptual maps of Europe. These maps resemble geographic maps, and therefore look more familiar to the viewers than other abstract types of data visualizations, by relying on the human familiarity with geographic maps. Here, countries represent groups of people holding similar opinions on human values. In this talk, I will present the methodology of the EVM project and invite you to reflect together on how data visualization methods can influence opinion polarization on societal topics.

European Value Maps have been recently featured by UU news[UU].

[EVS] <https://europeanvaluesstudy.eu>

[EVM] <https://evm.science.uu.nl>

[UU] <https://www.uu.nl/en/news/conceptual-maps>

[-illustrate-diversity-of-european-values](#)

## Bio sketch

Tamara Mchedlidze is an Assistant Professor at the Department of Information and Computing Sciences of Utrecht University. Her research interests include Algorithms for Network Visualization, Visual Perception and Cognition and applications of network visualization in Digital Humanities. Before joining Utrecht University in 2020, Tamara was a postdoc at Karlsruhe Institute of Technology. She received her doctorate in Applied Mathematics from National Technical University of Athens in 2012, during which she was a Visiting DAAD Scholar at the Department of Informatics at Tübingen University. Tamara

Mchedlidze is serving as co-editor-in-chief for journal of Computational Geometry: Theory and Applications and has been a member of the program committees of several computer science conferences including: International Symposium on Graph Drawing & Network Visualization (GD), Information Visualization (EuroVIS), European Symposium on Algorithms (ESA), Innovations in Theoretical Computer Science (ITCS) and Canadian Conference on Computational Geometry (CCCG). Her work has been awarded Best Poster and Best Paper awards by the International Symposium on Graph Drawing & Network Visualization and Eurographics Conference on Visualization. She has obtained multiple awards for her participation in the Graph Drawing Challenge at GD'14, GD'15, GD'16, GD'17, GD'18 and since 2019 she is serving as a member of Graph Drawing Contest Committee.