OpenAtlas
An Introduction

Alexander Watzinger

Young Academics Network Workshop

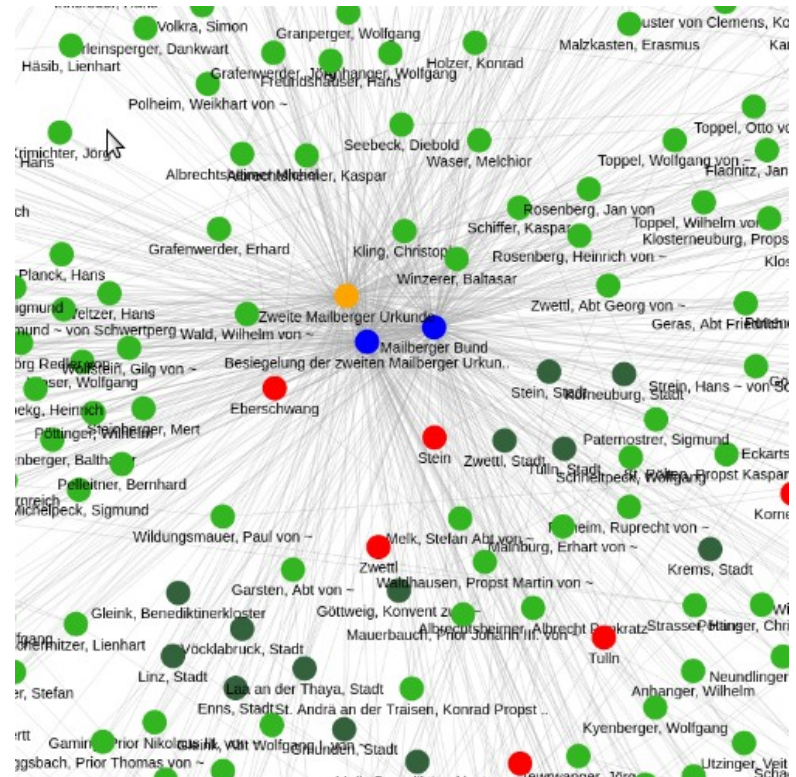# About the Speaker

Alexander Watzinger (Alex)

INDIGO workshop 2021

- Lead developer of OpenAtlas

- Works at the ACDH-CH, an institute of the

  Austrian Academy of Sciences

- Loves open source and scientific projects

About OpenAtlas

https://openatlas.eu

- Open source, browser based database software

- Initiated about 10 years ago by Stefan Eichert

- Acquire, edit and manage research data

- CIDOC CRM as model

- Mainly developed at the ACDH-CH

https://demo.openatlas.eu/overview/network/

OpenAtlas Cooperations

with projects from all fields of the humanities

- Mostly historical, archaeological and prosoprographic projects
- A lot of synergies between the projects

OpenAtlas Team

Stefan Eichert
Idea, Concept and Data Modeling

Alexander Watzinger
Lead Developer and Concept

Bernhard Koschiček-Krombholz
Software Development, API

Nina Richards
Bioarchaeological Expertise

Andreas Olschnögger
Frontend Development

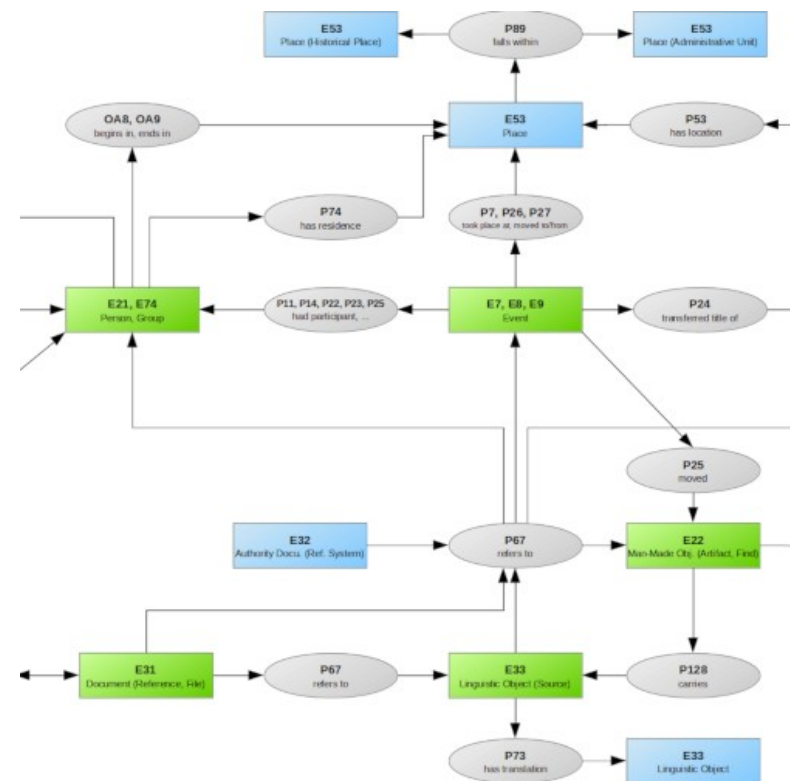**Jan Belik**
Logo Design and Design Consulting

And many contributors, see https://openatlas.eu/team

Model

CIDOC Conceptual Reference Model

- International standard (ISO)

- Developed by CIDOC CRM Special Interest Group

- Specifies classes for entities like actor, source, event, place and rules how to link them

- Stored in an object oriented network

https://demo.openatlas.eu/overview/model

Project Data

Data enrichment with types and links

- Standard types

- Custom types

- Value types

- Linked open data
  - Wikidata
  - GeoNames
  - Custom, e.g. Viaf, GND

https://demo-dev.openatlas.eu/type

Live Demonstration

at https://demo.openatlas.eu

- Acquiring data

- Customizable types

- Adding geo locations

- External references

- Dealing with uncertainty in space and time

- and a lot more ...

Thank you for listening

https://openatlas.eu