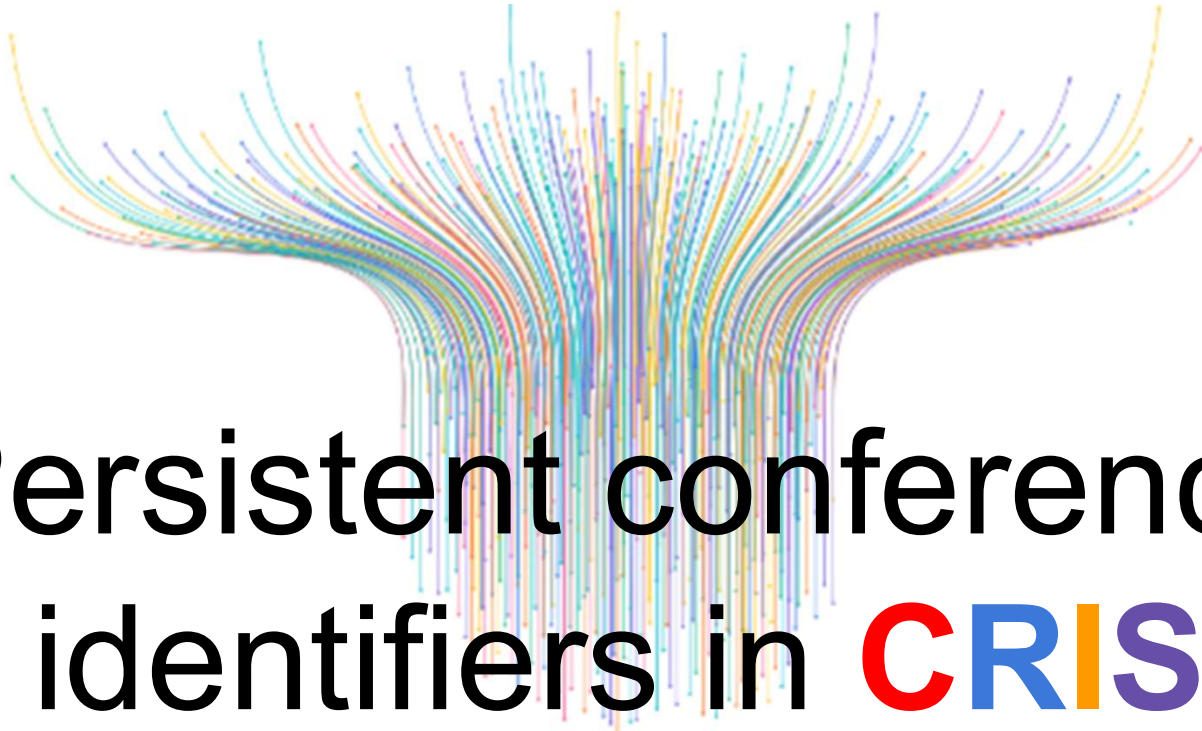




Persistent conference identifiers in **CRIS**

1st implementations with **VIVO** and **URIS**

16th International Conference on Current Research Information Systems (CRIS2024), Vienna / Austria

<https://doi.org/10.25798/9mpv-rg74>

Sabina Auhunas, Stephanie Hagemann-Wilholt, Christian Hauschke, Benjamin Kampe, Tetiana Rudakova, Viktor Shapovalov, Yevhenii Shapovalov

Agenda

1. Conference Identifiers (in CRIS)
1. Using Conference PIDs in Research Information Systems (RIS)
2. Use Cases (Implementations)
 - a. VIVO
 - b. URIS
3. Conclusion & Outlook



Conference PIDs

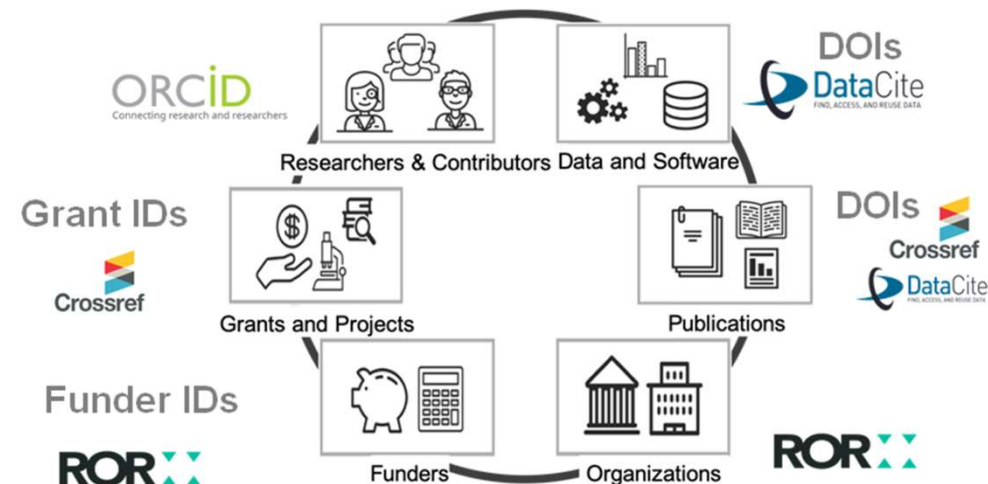
Why & how?



By El Pantera - Own work, CC BY-SA 4.0,
<https://commons.wikimedia.org/w/index.php?curid=110391430>

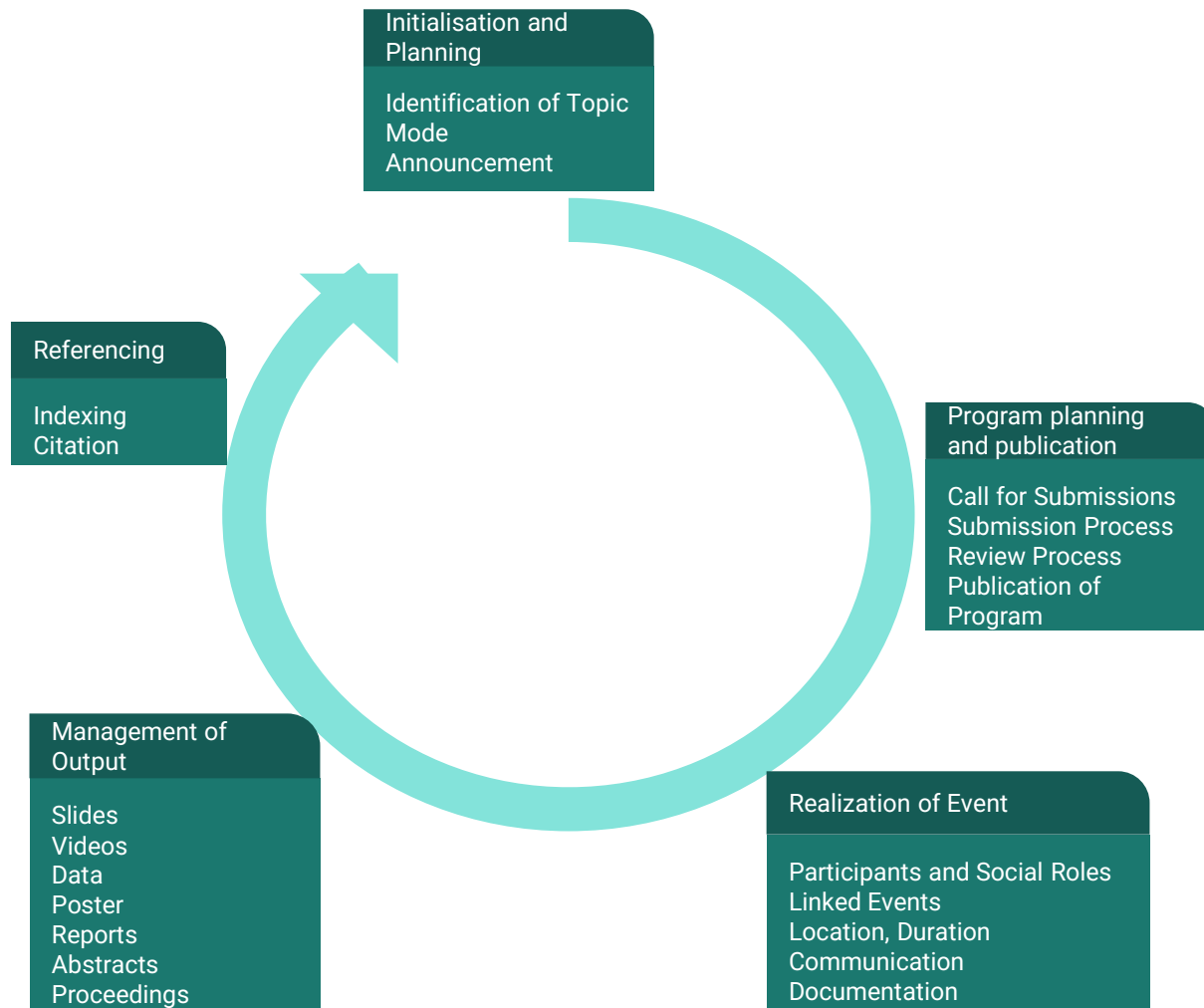
Persistent Identifiers

- **Disambiguation:** unique and persistent identification of resources, persons, organizations
- **Standardisation of metadata:** interoperability and quality management; human-readable and machine-actionable metadata (reduce effort of re-entering metadata in different systems/databases)
- **Provenance:** Tracing origin of metadata
- **Entity-linking:** Connecting organizations to persons to processes to outputs to...



based on: Cruse, Patricia (2018): Connecting Research(ers): DataCite in 5 Minutes. ORCID. Presentation.
<https://doi.org/10.23640/07243.6281405.v1>

Benefits of Conference PIDs in the Conference Lifecycle



- Archiving conference information (persistent findability)
- Reference point for announcements (visibility)
- Connection to previous events in a series (quality assurance)
- Link to event output (posters, slides, proceedings)
- Link to organizations, persons, projects and other research information entities

What is ConfIDent?



Search for relevant academic events



Archival of event information



Detailed descriptions of academic events



Exclusion of obvious predatory conferences



Unambiguous identification and linking of academic events

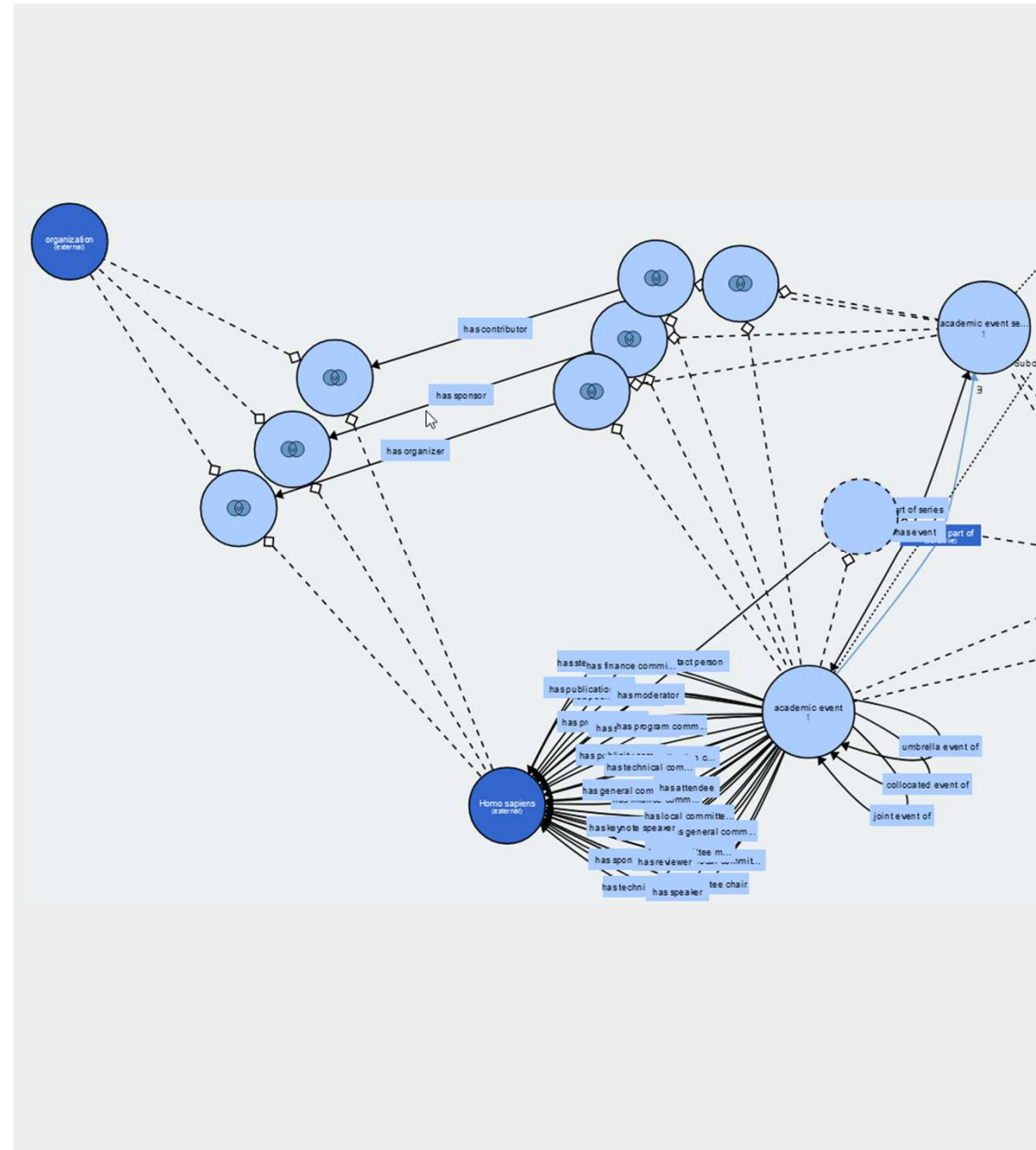


FAIR (Findable, Accessible, Interoperable, Reusable) Metadata



<https://www.confident-conference.org>

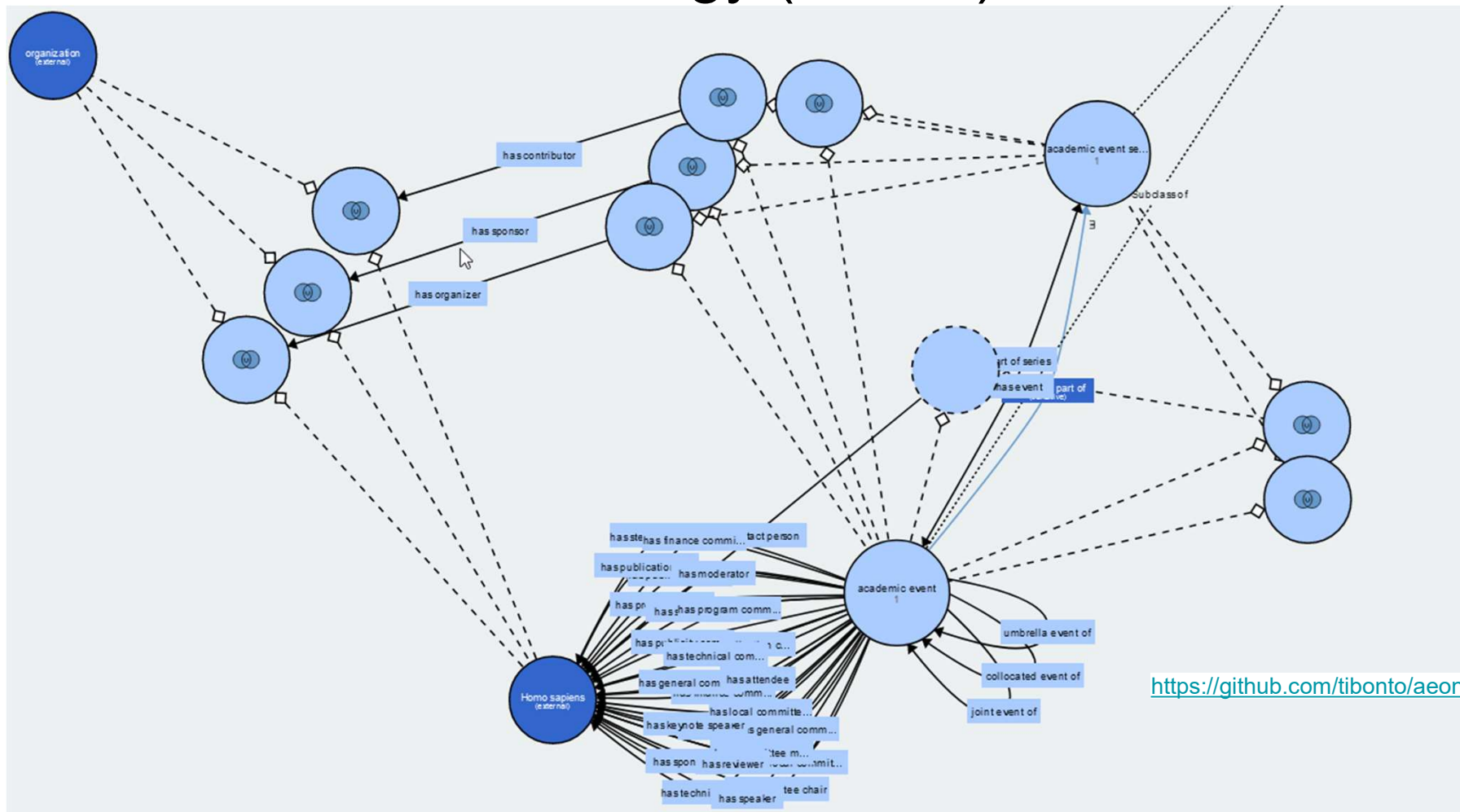
Conference IDs in CRIS



Application of Conference PIDs in CRIS

- **Research Evaluation**
 - uncovering invisible work
- **Improving metadata quality**
 - quality
 - scope
 - interoperability
 - consistency (deduplication etc.)

Academic Event Ontology (AEON)



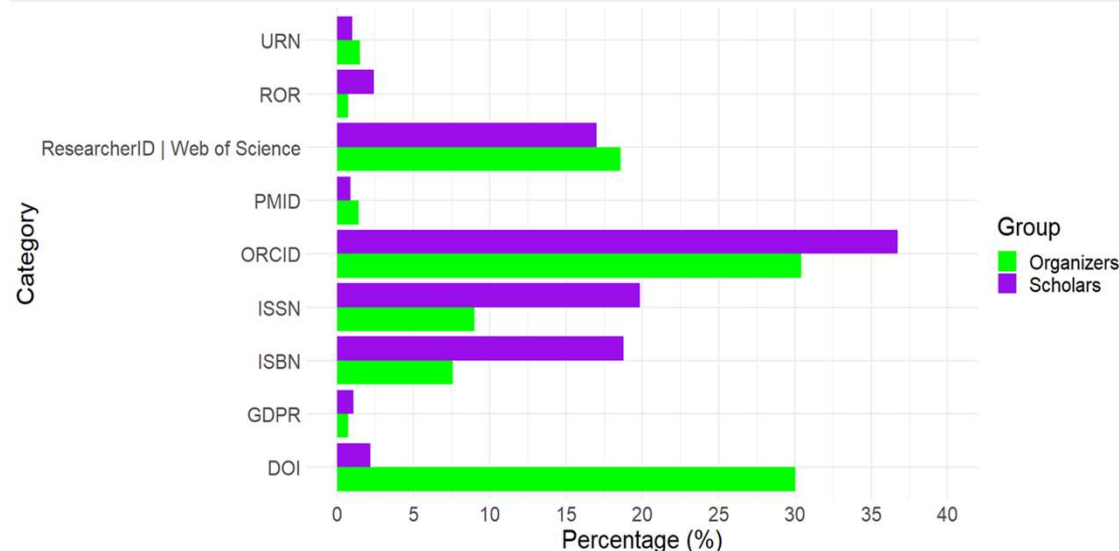
Stakeholders expectations on the use of persistent IDs for UA-academic events

- According to the survey, 33.74% (1,090) of respondents prefer ORCID IDs for academic activities to link research output to researchers, facilitating the identification of authors and their contributions.
- Conference DOIs are preferred by 15.51% (501) of respondents for archiving and preservation, as well as increasing their visibility at the international level.

Auhunas, S. (2024). Evaluation and impact of descriptive metadata on academic event management in Ukraine: A quantitative study. *Iberoamerican Journal of Science Measurement and Communication*, 4(1), 1–30.

<https://doi.org/10.47909/ijsmc.91>

What persistent identifiers (PIDs) should be considered in scientific activities (multiple choice)?



(organizers n=1544; MC scholars n=1687; MC total n=3231)

Towards Open Research Information

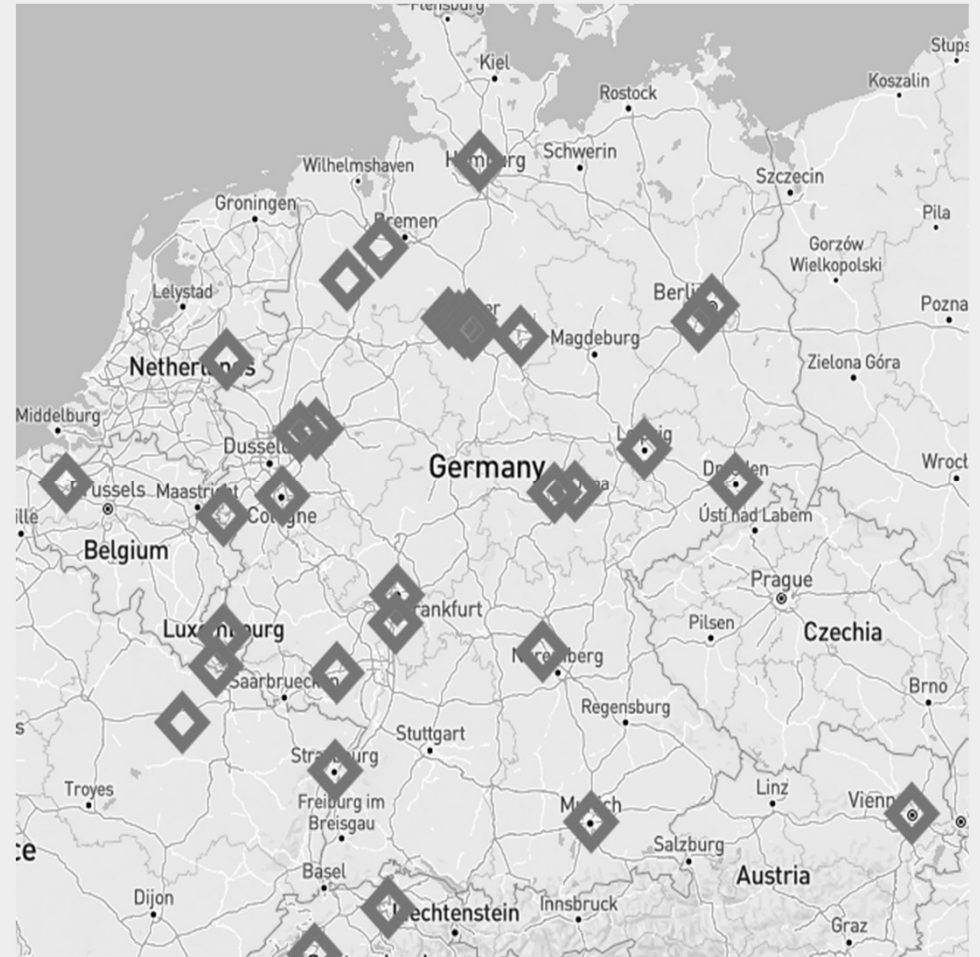
OPEN RESEARCH INFORMATION



<https://barcelona-declaration.org/infographic/>

Use Case I

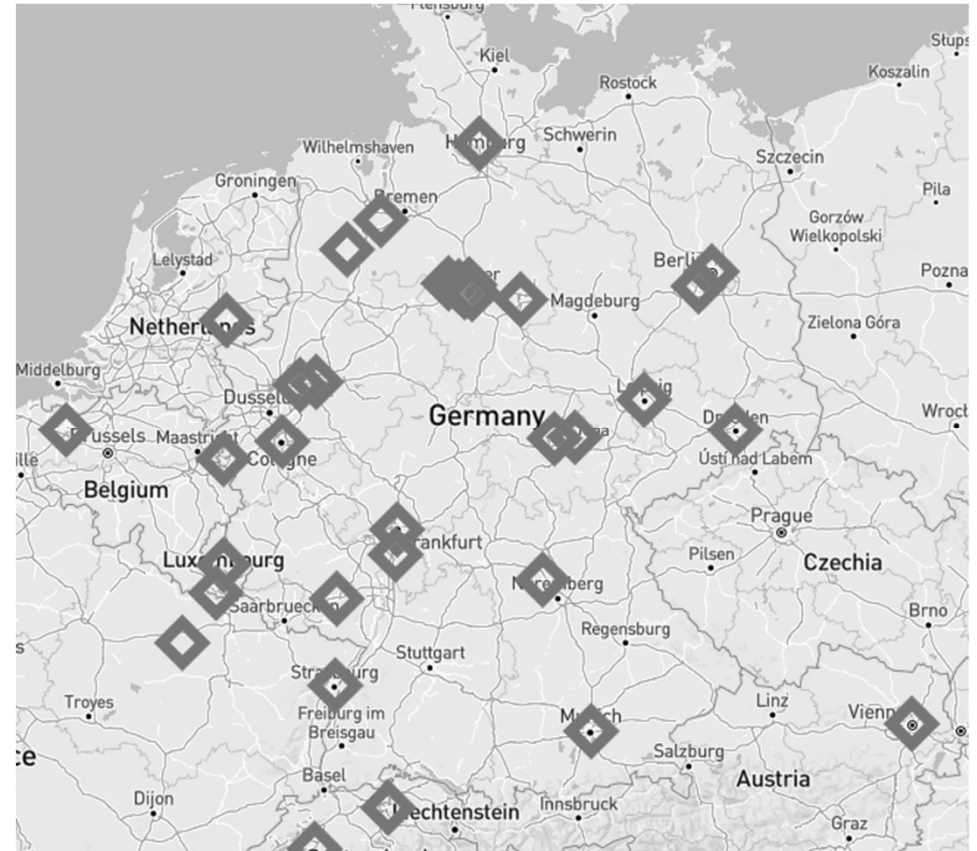
Implementation in VIVO



Forschungsatlas - Overview

- The research atlas offers a research and infrastructure map of actors in architecture, civil engineering and urban studies
- It serves as a research tool about scientists' research activities and output on the one hand and infrastructure and service offerings on the other.
- The research atlas is based on the open source software VIVO. An ORCID-based login mechanism is used to register and authenticate users. Data is automatically obtained from ConflDent and OpenAlex

<https://forschungsatlas.fid-bau.de/>



Forschungsatlas - Metadata

- Event ID
- Start date
- End date
- Event title
- ConfiDent Event URL
- DOI
- ConfiDent Event series URL
- Event series ID
- Event series title
- Academic field
- City

<https://forschungsatlas.fid-bau.de/individual/4492f99b-a206-43ac-bc3b-c3e55592599e>

16th International Conference on Cooperative Design, Visualization and Engineering Event

◦ <https://www.confident-conference.org:443/index.php/Event:4492f99b-a206-43ac-bc3b-c3e55592599e>

Overview

Contact

Identity

View All

date/time interval

2019-10-06 - 2019-10-09

has subject area

architecture

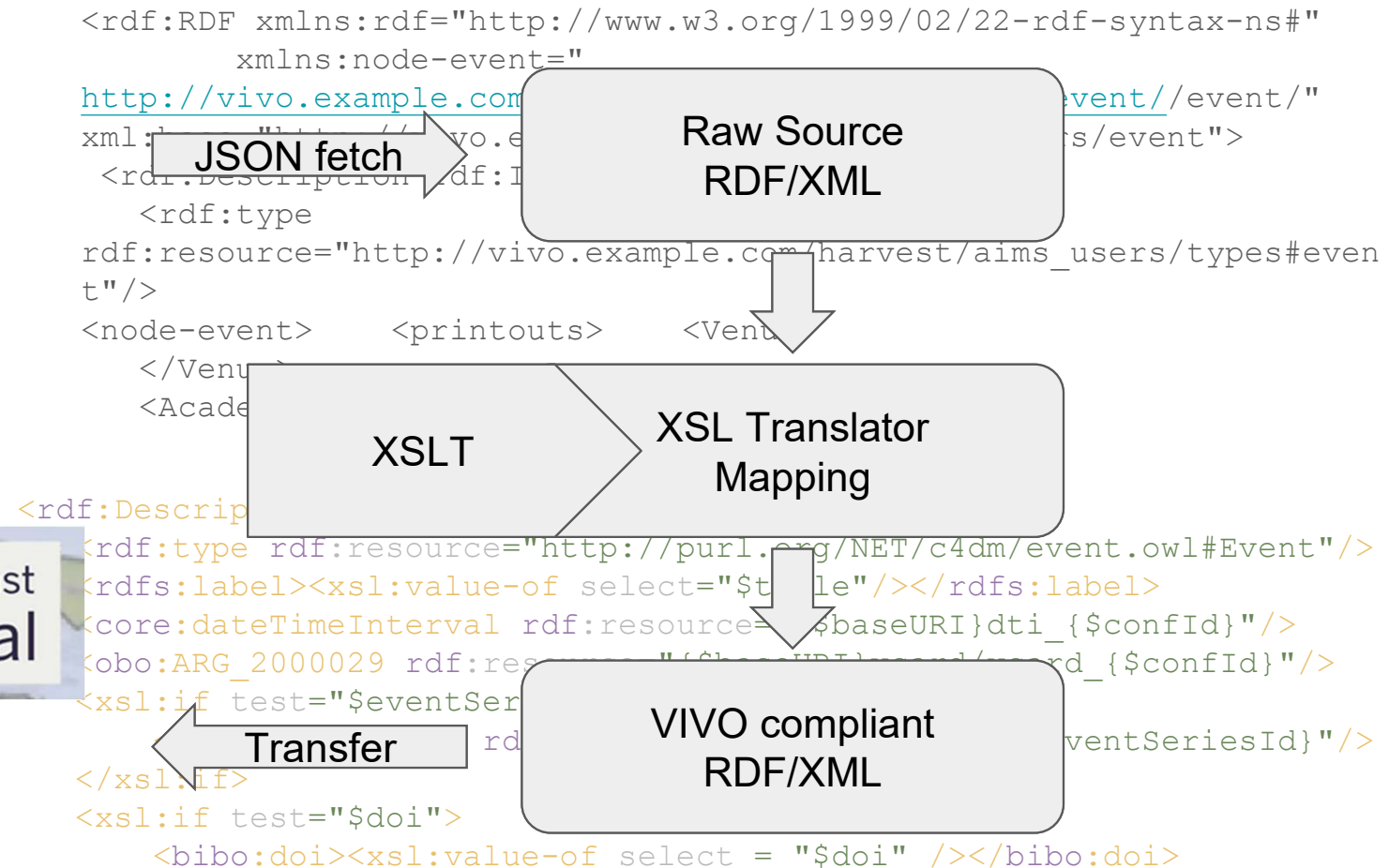
held in geographic location

Pollentia

Digital Object Identifier (DOI)

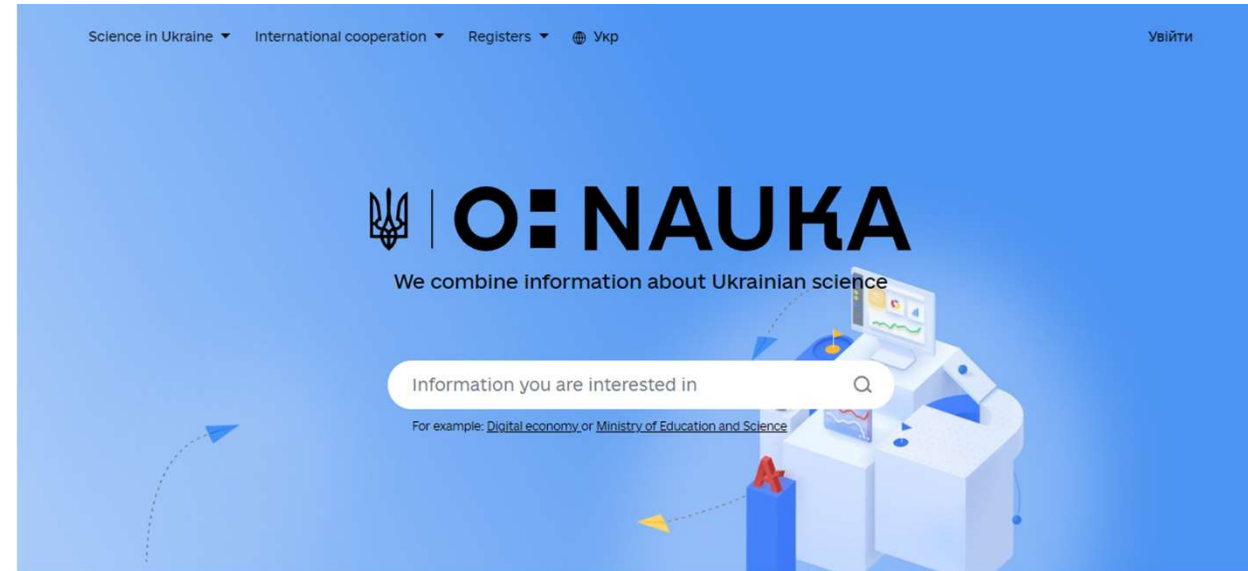
<https://doi.org/10.25798/w1vw-dt15>

Forschungsatlas - ETL / workflow / flowchart

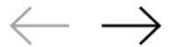


Use Case II

Implementation in URIS



System profiles



Institutions

Contains information about Ukrainian scientific institutions and institutions of higher education



Research infrastructure

Contains information about scientific equipment, products, services, resources, areas and premises of scientific organizations and institutions of higher education



Scientists

Contains information about publications, projects, professional activities and other data about Ukrainian scientists



Publications

Contains information about publications of Ukrainian scientists imported from ORCID and contributed independently

Phases of module creation of the UA-Academic events

I phase (01.01.2023 - 31.12.2023) - Development of the architecture of the module for academic events and the architecture for maintaining a national registry of academic events:

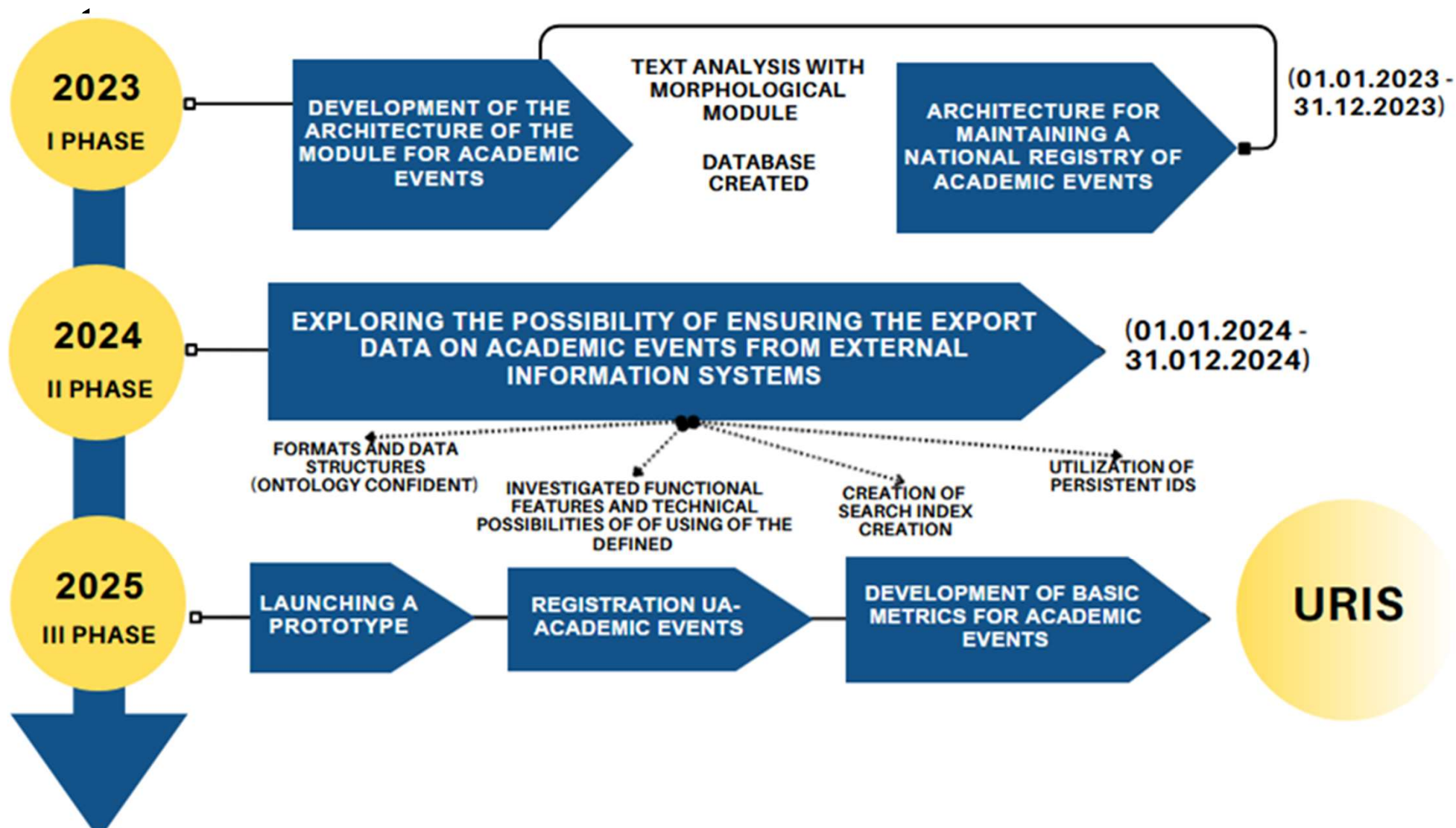
- analysis of the use of semantically enriched metadata by integrating existing dictionaries of events
- determining the connections and relationships between academic event data.

II phase (01.01.2024 - 31.012.2024) - exploring the possibility of ensuring the export data on academic events from external information systems:

- investigated functional features and technical possibilities of using of the defined
- list of sources
- research of API
- formats and data structures (ontology ConfIDent)
- conditions for obtaining access

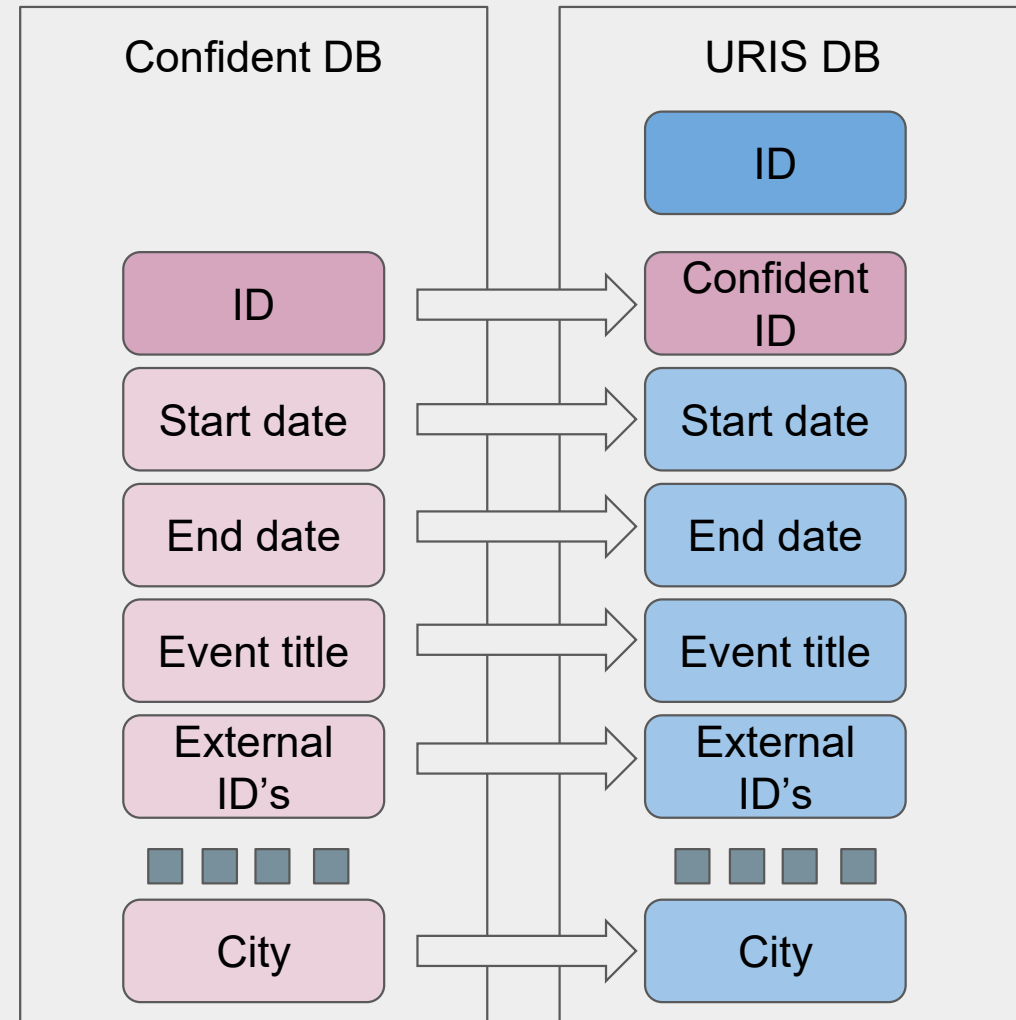
Phases of module creation of the UA-Academic

e



Using ConfIDent IDs in URIS

- Confident conference ID is a separate field in URIS conference database
- Confident ID in URIS is used as PID to ensure data interoperability and data obtained in URIS
- Providing of automatic updates about events from confident to URIS

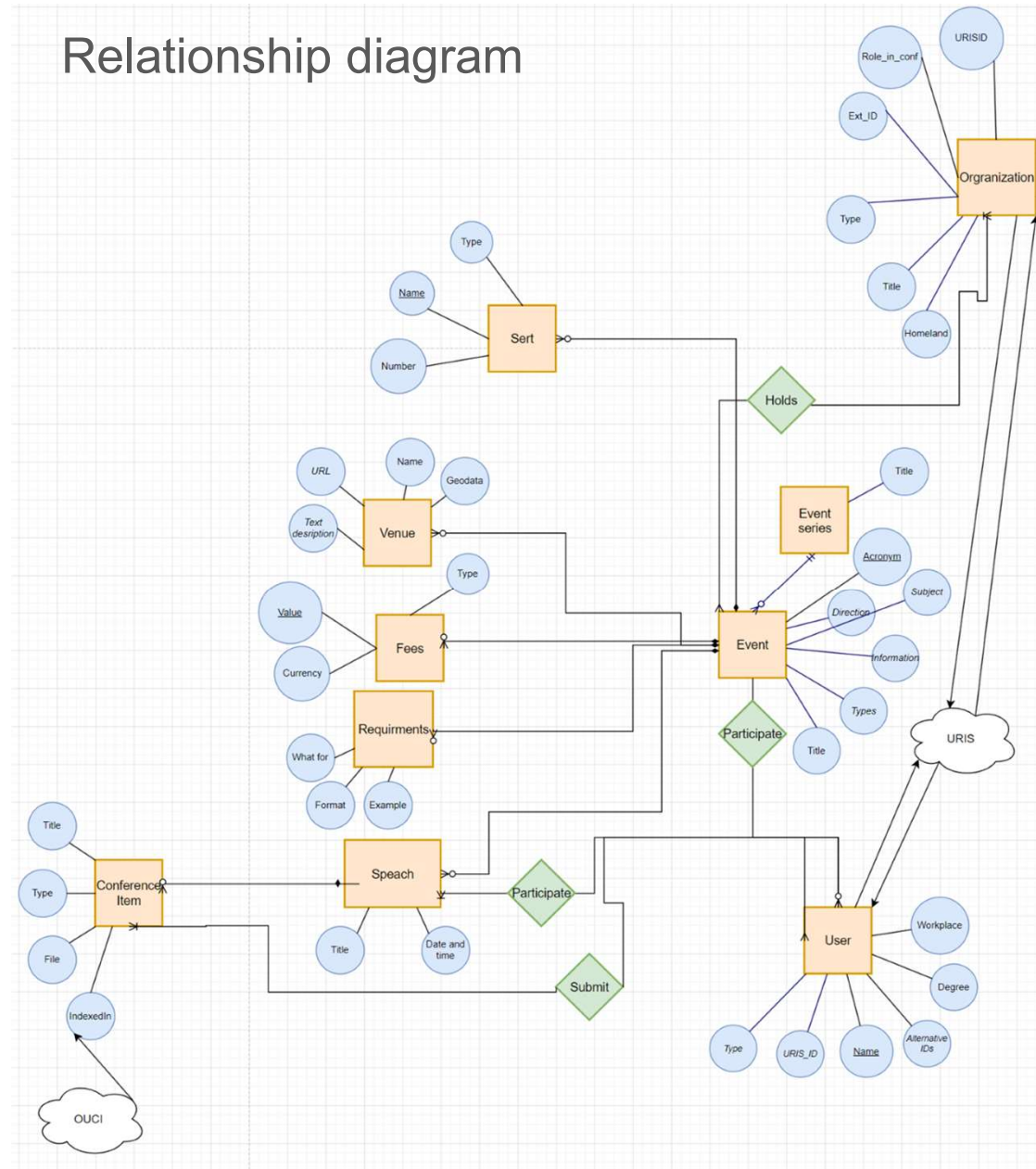


Entities of UA-academic event in URIS

1. User
2. Event:
 - Organization
1. Speech:
 - Venue
 - Participation certificate
1. Requirements:
 - Format
 - Submission



Relationship diagram



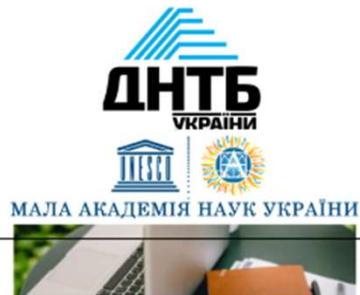
General metadata of UA- academic events in URIS

4

- IDs
- Event or Event Series and Linked events
- Official Name, Alternative Name and Ordinal number
- Acronym
- Event status
- Event Mode
- Organizational fee
- Organizers and Sponsors (funders)
- Type and Rank
- Classifications
 - Official List of scientific disciplines in Ukraine
 - ConfIDent Academic Fields
- Important dates (Date_of_begin, Date_of_end, Date_of_subm, Date_of_notification_accept)
- Possible Indexing
- Web-page
- External IDs/PIDs (including DOI)
- Conference documents, photo and video, abstracts

← Назад

1st Scientific and Technical Conference "Education for Gifted Children"



Provider	MOES	Providing type	Online
Link	dntb.gov.ua/121	Registration link	dntb.gov.ua/1

Description

The Ministry of Education and Science of Ukraine, together with its partners, will hold a master class for all interested parties, which will include training on how to fill out applications for financial assistance.

Main information

Short title	Conference ID	External IDs
Adult education	933508310	Confident ID: 2148184 WikiCP ID: 4148949
Організатор	Type	Спеціалізація
The State the Scientific Technical Library	Conference	Conferences "Scientific and Technical Conference "Education for Gifted Children"
Submission deadline	Acceptation deadline	Providing dates
2 December 2023	13 March 2023	2 March - 3 March 2024

Conference fees	Publication fees	Свідоцтво
Participation fees	Abstracts: free of charge Papers: 300 USD	Free of charge

Conference directions	Confident classifier	Relation to youth
Directions	Education, Learning	Yes

Conference prestige	MOES recommendation	Predatory signs
Rank	Yes	No
Recommendation of scientific council	International type	Link to the conference
SSTL, order No. 13 dated November 22, 2023	International	LINK:

Prestige	Antiplagiate check	Reviewing
Potential indexing	Yes	Particular
SCOPUS, WoS, Google scholar	English check	Наявність рецензій
Automatic upload	Yes	Відсутнє
SSTL repository, Reseachgate, Academia.edu, arXiv		

Yevhenii Shapovalov, 13/05/2024

https://uk.wikipedia.org/wiki/%D0%9F%D0%B5%D1%80%D0%B5%D0%BB%D1%96%D0%BA_%D0%BD%D0%B0%D1%83%D0%BA%D0%BE%D0%B2%D0%E

Yevhenii Shapovalov, 13/05/2024

https://uk.wikipedia.org/wiki/%D0%9F%D0%B5%D1%80%D0%B5%D0%BB%D1%96%D0%BA_%D0%BD%D0%B0%D1%83%D0%BA%D0%BE%D0%B2%D0%E

Christian Hauschke, 13/05/2024

Sabina Auhunas, 13/05/2024

Sabina Auhunas, 14/05/2024

Sabina Auhunas, 14/05/2024

Sabina Auhunas, 14/05/2024

Conclusion & Outlook

What's next?



Image: https://commons.wikimedia.org/wiki/File:A_young_girl_gazes_out_over_a_marsh_area.jpg,
Public Domain

To dos etc.

- Reading conference metadata from ConfIDent is possible; writing API access to ConfIDent should be established
- In planning for future project phases: connection to a conference management system
- Structured description of events
- Early collection of metadata, which allows subsequent use in RIS, discovery services and open metadata services



Thanks for your attention!

Contact:

<https://tib.eu/christianhauschke>

