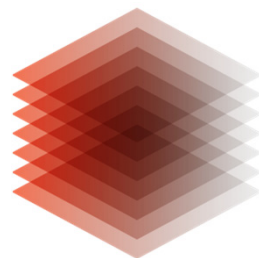LEIBNIZ-INFORMATIONSZENTRUM
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Expanding the World of PIDs

Conference Identifier and their Role in Managing Metadata Quality

Dr Stephanie Hagemann-Wilholt,
Münster, November 19th 2019
EuroCRIS Membership Meeting

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Agenda

1. Why Should I Attend Conferences?

2. Current Situation and Challenges

3. Potential of PIDs

4. Project ConfIDent

   - User-centred Approach

   - Technical Base

   - Metadata

   - Further Use of Metadata

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Why Should I Attend Conferences?

- Informal and fast feedback from peers

  →independent from long publications lifecycles

- Opportunity to publish papers

- Broad and quick overview about new research topics and areas

- Networking

Problems with Data on Scholarly Events

1. **Availability** of scholarly event data:

    - Scattered

    - No long-term availability

    - No acknowledgement of conference activities as research output

2. **Quality** of scholarly event data:

    - Insufficient

    - Again: no long-term availability

    - Costly task to track conference activities

    - Expert knowledge required for evaluating quality

Service Platforms for Conferences

https://philevents.org/, http://www.dvwg.de/veranstaltungen/veranstaltungskalender.html, https://dblp.uni-trier.de/db/conf/, http://www.wikicfp.com/cfp/,
https://www.acm.org/conferences, https://www.ieee.org/conferences/index.html, https://www.nature.com/natureevents/science,
https://gi.de/aktuelles/veranstaltungen/, https://www.force11.org/article/digital-conferences-calendar, http://www.trb.org/Calendar/Calendar.aspx

Fake Science

2019 Conferences of
World Academy of Science, Engineering and Technology (Waset)

https://waset.org

Ambiguity of Conference Titles

Confusion by equal acronyms, e.g.:

SPSS

- International Conference on Science and Practice of Strength Sports

- IBM SPSS Statistics Users Conference

SPSP

- Society for Philosophy of Science in Practice Conference

- Society for Personality and Social Psychology Convention

Potential of PIDs

1. Disambiguation of conference titles & acronyms

2. Standardisation of metadata:

   → fostering interoperability and comparability of metadata

3. Linking of entities, e.g.:

   - Proceedings

   - Videos

   - Researcher profiles

4. Tracing origin of information

   → Who provided the metadata?

Aims of ConfIDent

★ Data exchange

★ User-centred approach

★ FAIR data

ConfIDent

★ Collaborative data curation

★ Quality of data

Conflicting interests?

ConfIDent
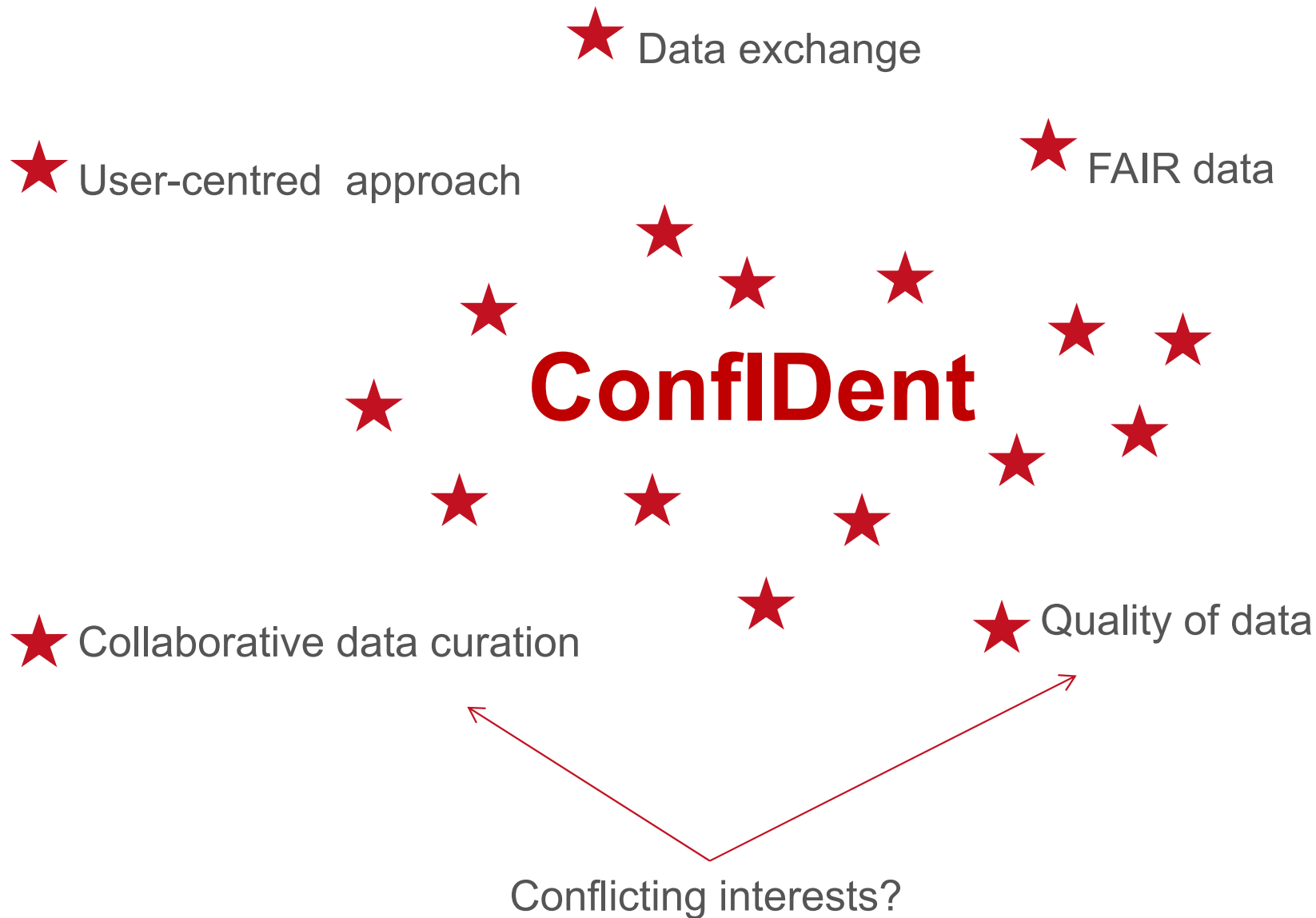
User-centred approach

- Start with pilot communities

- Considering subject-specific characteristics of conferences

- Iterative process of development

Technical base

- Semantic Media Wiki based approach fostering openness and extensibility

- Domain specific ontology

- Collaborative data curation → needs mature roles & rights management

ConfIDent

Metadata

- Defining framework for high quality of metadata and content

- Interoperability with existing services and platforms

- PID registration for standardization & quality management

Linking of PIDs

ConfIDent
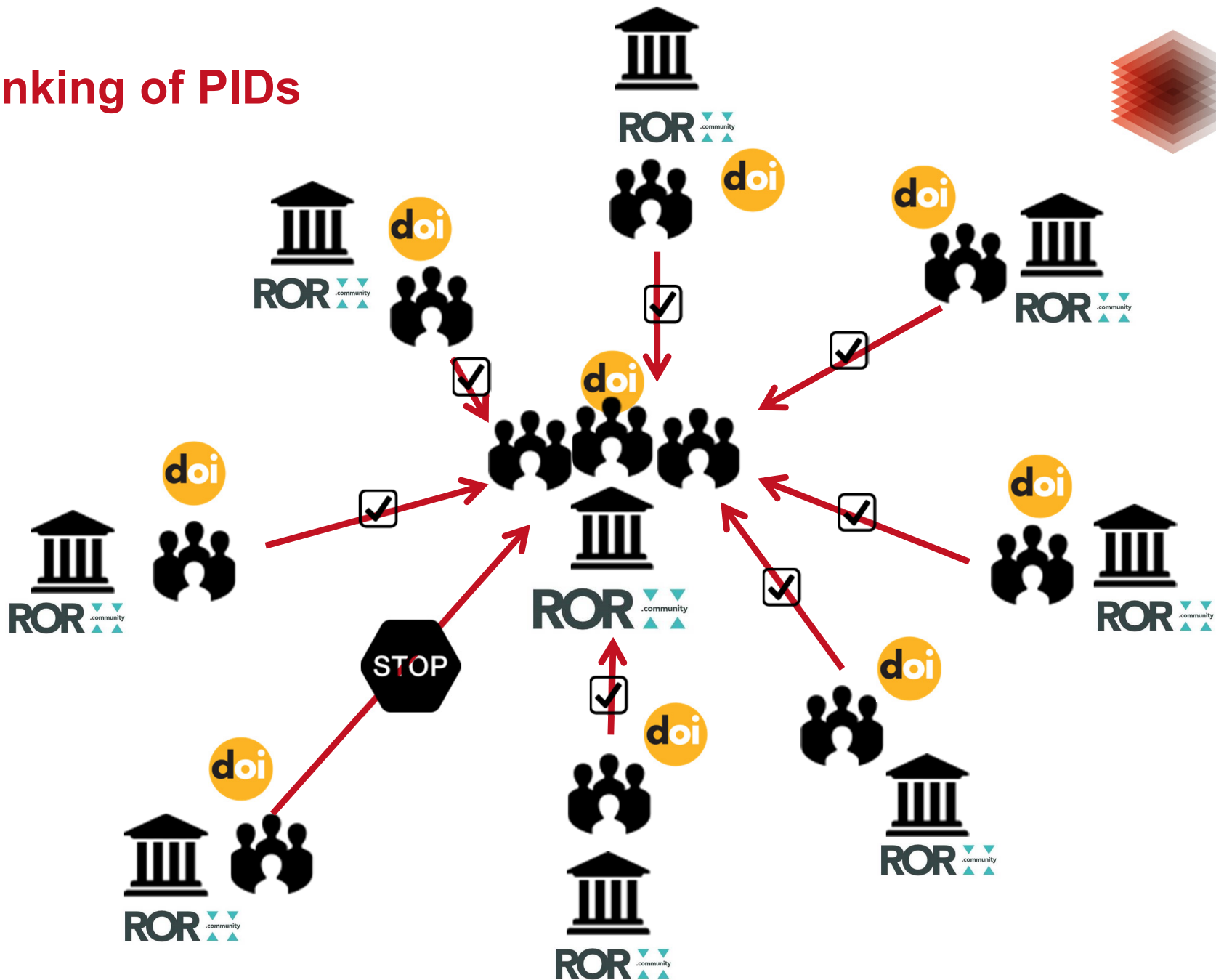
Stakeholders

- Researchers

- Research institutions

- Libraries

- Sponsors

- Publishers

Extensional use of data

- Increase visibility of conference activities as academic performance

- Increase documentation of conference activities → CRIS

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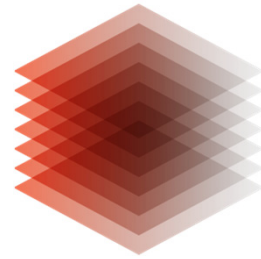FOR SCIENCE AND TECHNOLOGY
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www.tib.eu

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