Expanding the World of PIDS

Conference Identifier and their Role in Managing Metadata Quality

Dr Stephanie Hagemann-Wilholt, Münster, November 19th 2019
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Agenda

1. Why Should I Attend Conferences?
2. Current Situation and Challenges
3. Potential of PIDs
4. Project ConflIDent
   - User-centred Approach
   - Technical Base
   - Metadata
   - Further Use of Metadata
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

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 ConflIDent

- User-centred approach
- Data exchange
- FAIR data
- Collaborative data curation
- Quality of data
- Conflicting interests?
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
Metadata

- Defining framework for high quality of metadata and content
- Interoperability with existing services and platforms
- PID registration for standardization & quality management

Picture: PID Forum Button for PIDapalooza19 Blog Post
Linking of PIDs

Icons: https://icons8.com/, CC BY-ND 3.0
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