WG PID Information Types
Outcomes
Problem & Goal

- PIDs are associated with additional information and this information needs to be typed
- Harmonization across disciplines and PID providers

- What are PID Information Types?
- Specify a framework for defining types
- Agree on some essential types
- Provide technical solutions for interaction with PID types

- Provide the tools first, then create types individually
Insights gained:
- Types depend on use cases and semantics differ between disciplines
- There is no single set of types fitting all cases
- Community processes must define types from practical adoption

Final deliverables available:
- Type examples and illustrating use cases
  - Types registered in the Type Registry prototype
- API description and prototypic implementation
- Client demonstrator GUI
Registered types enable cross-services

Verification service

Format: Checksum: Size:

Size: Format: Checksum:
Register your types so they can be adopted and reused, making it easier for others to use your data
  - Information on how to register new types available in the report

Adopt types already being used in your domain to increase interoperability

Decouple object management from contents
  - Simplify client access to data across domains, implementations and changes in information models
  - More lightweight access to information on less accessible objects
Possible follow-ups

- Adoption of these capabilities by PID infrastructure providers
- Discipline-specific types, preferably from practical adoption
- Establish a type ecosystem
- Refine data model
- Enhance REST API
Conclusions

- Draft final report available via the website
- Demonstrator web GUI:

http://smw-rda.esc.rzg.mpg.de/PitApiGui/