

A postcard from the future: tools and services from a perfect DMP world

Short description

A hands-on workshop with the DMPTool and DMPonline teams to design the future of Data Management Planning tools that support active, FAIR and machine-actionable DMPs.

Long description

Data Management Plans (DMPs) are becoming commonplace across the globe, but opportunities are being missed to make the best use of the data and truly support researchers' practices. What are DMPs being created for? And how can we improve the experience for all involved? This workshop will address ideas for making DMPs machine-actionable and integrating them with other tools and services to embed the DMP in existing workflows. Brainstorming and discussion sessions will give participants an opportunity to help shape the future of DMP services.

Potential discussion points include:

- Where and how do DMPs fit in the overall research lifecycle (i.e., beyond grant proposals)?
- What information is needed that is not covered in existing DMPs?
- How does the availability of information change over the lifetime of a project?
- Which data could be fed automatically from other systems into DMPs (or vice versa)?
- What can be automated and what will always have to be completed manually?
- What information can be validated automatically?
- Which systems/services should connect with DMP tools?
- What are the priorities for integrations?
- How can we bring DMPs closer to data (e.g., should we package DMPs together with data)?
- What pitfalls should be avoided?

The workshop will include a few invited speakers to provide provocative and inspiring talks to seed discussion. These include Fernando Aguilar (CSIC-IFCA, Spain) on integrating tools over a cloud computing framework ([INDIGO-DataCloud](#)) to support biodiversity researchers throughout the entire data lifecycle; and Tomasz Miksa (SBA Research and TU Wien, Austria) on his vision for the Active DMP as a standalone format. Stephanie Simms and Sarah Jones will close the event with an update on DMP Roadmap activities.

Suggested programme:

Demo of the INDIGO-DataCloud system (20 mins)

Brainstorming activity on where DMPs sit in the lifecycle and what systems could be integrated (1 hr)

Break (30 mins)

Active Data Management Plans – a vision of what could be achieved (20 mins)

Brainstorming activity on machine-actionable use cases (1 hr)

DMP Roadmap project update (20 mins)