

Data Management Plan, DMP LA-CoNGA Physics

Some slides to start the discussion...

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Latin American alliance for
Capacity building in Advanced physics

LA-CoNGA physics



Cofinanciado por el
programa Erasmus+
de la Unión Europea





Our baseline

DMP template kindly provided by TUD:

<https://github.com/LA-CoNGA/WP5-Dissemination/tree/master/DataManagementPlan>

Now we need to adapt it to our needs and realities



This project aims at building and evaluating an on-line master program of High Energy Physics. The data output of the program will be a series of recorded lectures available in video, the material from the lectures and tutorials and collected data regarding the student quorum and performance. Data will be collected in the file formats ...

What else can/should be added/changed?

(estimated size of data: ...)

The methods of data collection and analysis are described in part ... of the proposal [Link/Deliverable X.X].

Project funding: Erasmus+

Are there any existing data that we can reuse? -> Datos de otras instituciones

Who owns the data?: LA-CoNGA physics



Published data will be given DOI by the used repository and will be linked via the DOI to corresponding publications and to appropriate research information systems.

What else can/should be added/changed?

Published data -> data, talks, videos... We are producing more than data

Add a word about our metadata

Assign DOIs at what level?

Add also ORCID of the author



FAIR- Making data openly accessible

The research data will be archived following publications or project ending, **and will be stored for at least 10 years**. Archiving will be fulfilled self-responsibly at the chair or using the institutional archive system in accordance with **TUD guidelines**. Data relevant for other researchers will be made publicly accessible; especially the videos and materials will be **published as Open educational resource (OER)**. For publishing we will use the **TUD institutional repository OpARA** or suitable disciplinary repositories, preferable at research data centers that were accredited, such as by the German Council for Social and Economic Data. Because of personal data, some of the collected data will not be made publicly accessible.

What else can/should be added/changed?

Do we agree with 10 years? -> Se baja a 5 años (UE)

Local (LA) Repository + repositorios de las universidades locales (con la condición de que ellos den apoyo técnicos)

-> Propuesta: no creamos un repositorio LA-CoNGA, no personpower, 5 years no guarantee

Apoyo de licencias abiertas



FAIR- Making data interoperable

Data and metadata will be adequately documented enabling comprehension or reuse by other researchers in accordance with the FAIR principles. Whenever possible, the data will (also) be stored in non-proprietary open file formats (in particular, .csv additionally to .xls files). We will use suitable metadata standards or controlled vocabularies [give details if known] or document our own standards, if necessary.

What else can/should be added/changed?

Need to consider use across different systems, ease of editing, ability to use offline: using non proprietary open file formats and common formats

[give details if known] This may be relevant for the student performance aspects. You may look for suitable standards at [add link to texto metadatos](#)



During the course of the project, the project partners will discuss and specify the data to be archived. Access to videos and materials will be provided under an open license. Access to pseudonymised data will be provided by ... (consortium leader/ chair / ...) on an individual basis and password protected. Data quality will be assured through internal peer review processes.

What else can/should be added/changed?

We have already selected a specific CC license and can mention it here. Add link to our [texto licencias](#)

What to do with resources non-LA-CoNGA? Discuss



Responsibility and resources

Responsibility for data management during the project:

Responsibility / contact person after the end of the project:

The project uses the IT resources by the **TUD** and the support by the local **Service Center Research Data**.

What else can/should be added/changed?

Who can be responsible.s? -> Introduce the figure of Data Officer

Add Cedia and redClara



Data Organization and Data Security

The data collected in the project is stored centrally on servers of the TUD. Access to the research data is regulated through user rights. The research data is stored in a uniform structure and naming convention that is still comprehensible after the end of the project. Backup of data on TUD servers is conducted using a backup system of the ZIH. Project staff can use the ZIH backup service for their local data or fulfill their backup self-responsibly. The TUD provides a secure and fail-safe IT infrastructure for the mentioned services.

What else can/should be added/changed?

What quality assurance processes will we adopt?

How will we handle versioning?

Do we require hardware or software which is additional or exceptional to existing institutional provision?



In accordance with the guidelines of IT security and with consultation of the **data protection officer of the TUD**, a concept for handling personal data is/was created to ensure data handling of personal data follows regulations by the GDPR and the **TUD** (see Data Protection Procedures in proposal/deliverable...).

What else can/should be added/changed?

TUD and other institutions

Maybe you already created some concept for this? If not, you should consult the data protection officer of the TUD.

Revisar artículos en el PA (10 y 11) y en el del GA(2.6 y 2.7)



The data management in this project follows the EU Horizon 2020 guidelines on open access and data management and the Guidelines for Safeguarding Good Scientific Practice as well as the Guidelines on the Handling of Research Data of the TUD. We also keep attention to related disciplinary research data management guidelines such as by the German Council for Social and Economic Data (RatSWD) or the German Network for Educational Research Data (VerbundFDB) and follow activities of consortia of the German National Research Data Infrastructure (NFDI) such as KonsortSWD

...



History of Changes

Current Version: ...

During the course of the project, we will cooperate with the local Service Center Research Data in updating the data management plan.



- https://www.dcc.ac.uk/sites/default/files/documents/resource/DMP/DMP_Checklist_2013.pdf DMP Checklist
- <https://argos.openaire.eu/login?returnUrl=%2Fplans%2Fnew> Argos Eudat DMP Tool
- <https://easydmp.eudat.eu/login/?next=/plan/start/> Easy.DMP Data Management Plan Generator
- <https://github.com/LA-CoNGA/WP5-Dissemination/tree/master/DataManagementPlan> DMP Draft



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