EUDAT Summer School

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From 3-7 July 2017, EUDAT has organized a Summer School,which took place in the stunning setting of Heraklion, Crete, thanks to the generous support of the Information Systems Laboratory (ISL) and Institute of Computer Science (ICS) of the Foundation for Research and Technology - Hellas (**FORTH)**.

The school aimed to introduce early-career researchers to the principles and tools needed for careers in data intensive science and data management. The participants included researchers working with **big data**, as well as researchers from less data-intensive communities. In collaboration with other pan European e-Infrastructures, this intense training course provided attendees with a better understanding of the European e-Infrastructure landscape, the different tools and services offered by them, and how they can be used to improve the quality of your research outputs.

Click here to find out the main outcomes of the EUDAT Summer School.

The focus: Data Management & EUDAT services

The focus of this Summer School was on Data Management and using EUDAT data services. We demonstrated how these services, as well as services provided by other e-infrastructures, can be used throughout the Data Lifecycle. Expert trainers illustrated established research processes from different communities and how they are enabled with these services. Attendees had the opportunity to understand how the international e-infrastructures, which originate in different fields of research, are building blocks to allow a more integrated solution to meet their needs. Attendees actively explored data services with trainers providing some individual guidance.

Attendees at the summer school were able to answer the following questions by the end of the course:

- *"I am a researcher and would like to know which services could help me during different phases of my*

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research, and under which conditions I can use the services."

- *"As a scientist on a data intensive project, I need to understand how to make use of e-infrastructures for the analysis, curation and provenance of my results, and how to publish the data to make it accessible for other researchers."*
- *"There are so many data services around; how can I set up and carry out my data management?"*

The topics covered by the Summer School were:

- The Research Data Lifecycle
- The FAIR Data Concept
- Writing a Data Management Plan
- The EUDAT Service Suite Overview
- High Performance Computing (HPC) Programming Models
- Using the EGI Federated Cloud for Data Analysis
- Linking HPC to Data Management
- Open Data and Cross-disciplinary Research
- Long Term Data Curation

Read more

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