Data management

- Data Storage
- Data Transfer
- GDPR implications for special categories of personal data

When dealing with data produced or used by HPC applications, you should keep in mind two separate issues: **where** to put them and **how** to move them. This means "Data Storage" and "Data transfer".

**Where:** The management of a large amount of data (BigData) is not a trivial task: you can use a normal FileSystem (FS) based area or you should consider to describe your data with metadata, in order to better organize them and share among your colleagues (**REPO**).

**How:** The transfer of big data sets from or to an HPC cluster with classical tools like scp is not straightforward because various constraints could limit bandwidth and execution time.

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If your data stored on Cineca resources belong to special personal data categories (as for example **human genomic data**), please consider implications related to GDPR (General Data Protection Regulation), entered into application as of May 2018. Please read carefully our [disclaimer](#)!