

Bringing the tools to data - Provide scientists with personalized and on-demand bioinformatics services on the cloud

Tuesday, 20 May 2014 14:30 (20 minutes)

Improvements of experimental technologies force life science researchers to face a deluge of data that requires relevant tools and sufficient computing resources. To answer these new difficulties we created personalized bioinformatics cloud services that are predefined and turnkey appliances with common bioinformatics tools, workflows and gateways. Their size usually of gigabytes make them more efficient to move where the terabytes of biological data are stored than moving these data. The French Institute of Bioinformatics (IFB) is running an academic cloud infrastructure with required biological data and bioinformatics tools to identify and fulfill the needs of the life science community.

Presenter: BLANCHET, Christophe (IDB IBCP FR3302)

Session Classification: Going beyond grid to enable life science data analysis