

BBMRI-ERIC - Biobanking and Biomolecular Resource Infrastructure

Monday, 18 May 2015 14:00 (20 minutes)

As has been demonstrated in the previous years, providing high-quality samples and data for biomedical research is one of the key challenges the science is currently facing. BBMRI-ERIC, a European Research Infrastructure Consortium on Biobanking and Biomolecular Resources, strives to establish, operate, and further developing a pan-European distributed research infrastructure of high-quality biobanks and biomolecular resources. The talk will provide an overview of the BBMRI-ERIC, while focusing in more detail on the IT aspects of the infrastructure. The major challenges will be discussed such as privacy and security, heterogeneity, various degrees of completeness, and overall volumes of the data. The talk will also provide overview of existing and upcoming services, for which interaction with distributed computing, storage and middleware infrastructure is of high relevance.

Presenter: HOLUB, Petr (BBMRI-ERIC)

Session Classification: Research Infrastructures roadmaps and Competence Centres