

Multi-centric studies in computational neurosciences

Wednesday, 18 September 2013 14:25 (15 minutes)

Neuroscience studies are increasingly based on large population databases. International-scale data cohorts have been deployed to tackle societal challenges caused by some neurodegenerative studies such as Alzheimer's and other forms of dementia. This talk will discuss the need to federate heterogeneous data stores distributed over different neuroscience centres and link this data with complementary sources of information (e.g. demographic information or biology data bases). It will introduce semantic data representation and mediation concepts and illustrate their integration in a neuroscience resources sharing platform to facilitate multi-centric neuroscience studies.

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Session Classification: Scaling up life sciences with grids and clouds - stories and recommendations