

## **WISDOM: In-silico docking against neglected and emerging diseases**

*Tuesday 25 August 2009 16:30 (45 minutes)*

Grid technology opens new perspectives for data analysis in life sciences. For several years now, e-infrastructures such as EGEE allow deploying embarrassingly parallel computations at a very large scale, opening new avenues for very CPU demanding analyses such as high throughput virtual screening. Recently, technology has significantly made progress for distributed data management towards secured sharing of data bases at regional, national and international levels of particular interest for medicine and healthcare.

We will illustrate the current and future impact of grid e-infrastructures through a short presentation of three projects currently explored at LPC Clermont-Ferrand: WISDOM collaboration on in silico drug discovery, a cancer surveillance network in Auvergne and an international Influenza A surveillance network.

**Author:** BRETON, Vincent (IN2P3 Clermont-Ferrand)

**Presenter:** BRETON, Vincent (IN2P3 Clermont-Ferrand)

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