



Contribution ID: 288

Type: **not specified**

e-NMR: Structural Biology on the GRID

Wednesday 23 September 2009 18:00 (20 minutes)

Abstract

The e-NMR infrastructure project set out two years ago as an international effort to streamline and automate structure determination from NMR data using GRID resources. Now it has already grown to be the second largest virtual organization within the Life Sciences with 111 registered users, and counting. Currently, the project hosts eight web-portals, with several others under development. Part of the success of the eNMR project lies in a clear strategy for the development of GRID-enabled applications, and the presentation of these to the end users as protocolized services, with easy-to-use web interfaces. This strategy has brought the project in good shape to meet the challenges that lie ahead: Connecting the separate components to complete workflows for automated analysis from signals to structures and dynamics, and proving its value in CASD-NMR, the critical assessment of automated structure determination by NMR.

Authors: Dr BONVIN, Alexandre M.J.J. (Bijvoet Center for Biomolecular Research, Universiteit Utrecht (BCBR)); Dr WASSENAAR, Tsjerk (Bijvoet Center for Biomolecular Research, Universiteit Utrecht (BCBR))

Presenter: Dr WASSENAAR, Tsjerk (Bijvoet Center for Biomolecular Research, Universiteit Utrecht (BCBR))

Session Classification: Bioinformatics and Grid - On the way to ordinary usage