Contribution ID: **6**   Type: **oral presentation**

Web servers for bulk file transfer and storage

Wednesday, 15 February 2006 17:20 (20 minutes)

GridSite has extended the industry-standard Apache webserver for use within Grid projects, both by adding support for Grid security credentials such as GSI and VOMS, and with the GridHTTP protocol for bulk file transfer via HTTP. We describe how GridHTTP combines the security model of X.509/HTTPS with the performance of Apache, in local and wide area bulk transfer applications. GridSite also supports file location within storage farms, and we explain how this has been implemented within Apache using the HTCP protocol, and the client-side commands and toolkit we have provided for applications.

Primary author: Dr MCNAB, Andrew (UNIVERSITY OF MANCHESTER)

Presenter: Dr MCNAB, Andrew (UNIVERSITY OF MANCHESTER)

Session Classification: Grid Middleware and e-Infrastructure Operation

Track Classification: Grid middleware and e-Infrastructure operation