Contribution ID: **56** Type: **oral**

CMS FileMover: One Click Data

Monday 23 March 2009 14:20 (20 minutes)

The CMS experiment has a distributed computing model, supporting thousands of physicists at hundreds of sites around the world. While this is a suitable solution for "day to day" work in the LHC era there are edge use-cases that Grid solutions do not satisfy. Occasionally it is desirable to have direct access to a file on a users desktop or laptop; for code development, debugging or examining event displays.
We have developed a user-friendly, web based tool that bridges the gap between the large scale Grid resources and the smaller, simpler user edge cases. We discuss the development and integration of this new component with existing CMS and Grid services, as well as the constraints we have put in place to prevent misuse. We also explore possible future developments which could turn the current service into a general "low-latency" event delivery service.

Author: KUZNETSOV, Valentin (Cornell University)

Co-authors: BOCKELMAN, Brian (University of Nebraska-Lincoln); METSON, Simon (Bristol University)

Presenter: KUZNETSOV, Valentin (Cornell University)

Session Classification: Distributed Processing and Analysis

Track Classification: Distributed Processing and Analysis