Minutes
MAGIC Meeting
November 5, 2008, 2:00-4:00
NSF, Room II-415

Attendance:

Robert Bohn	NCO	bohn@nitrd.gov
Dan Fraser	CDIX	
Yosef Gavriel	NCO	gavriel@nitrd.gov
Marvin Goldberg	NSF	mgoldber@nsf.gov
Mary Ann Leung*	Krell Instititue	
Miron Livny*	Un. Of Wisconsin	miron@cs.wisc.edu
Mike Nelson*	Georgetown U.	mnelson@pobox.com
Don Petravick	DOE/HEP	Don.Petravick@science.doe.gov
Ruth Pordes	Fermi Lab	ruth@fnal.gov
Don Riley	UMD	drriley@umd.edu
Jennifer Schopf	NSF/OCI	jschopf@nsf.gov
Kevin Thompson	NSF	kthompso@nsf.gov
Susan Turnbull	DOE/SC	susan.turnbull@ascr.doe.gov

*=phone

Leadership Changes

Kevin Thompson will be leaving NSF to take a new position at DHS. He chose to step down from the leadership from the MAGIC group. In his place, we welcome Jennifer Schopf as a new OCI staff and to take over Kevin's role.

Round Table Discussions

Dan Fraser - Community Development and Improvement of Globus Software (CDIGS): A recent report, "User Perspective Report" was produced by interviewing a large number of users in the community to determine their detailed needs. The report provides only high level needs, such as, "the users don't want to interact with low level software, but with the high level tools."

CDIGS Outreach – Harry Niemans of the Great Plains Network will be presenting at SuperComputing 2008 on how to form collaborations. We work with them to find the best mix of OSG/Globus activities on activities such as – a mechanism for establishing trust and a grid enabled entitlement server.

Cloud Computing Workshop in Chicago: There were speakers from the commercial world (Amazon, Microsoft). In depth discussions were held with Amazon.

Susan Turnbull – Has arranged for Lisa Childers and Lee Liming to be speakers for the January 2009 MAGIC meeting.

Don Petravick – Organizing reviews of OSG.

Miron Livny – Reflections on LHC (LCG)

A user GridFest event was held at CERN on 10/3/08.
They considered LCG as a unique laboratory to evaluate & guide the infrastructure to put in place to support LHC requirements. Users are engaged in small steps but LCG can help change this. Users will be part of a committed community. The LHC is coming on-line soon and data sharing and analysis completely depends on it. OSG is currently close to moving 2PB/month.

Security has been adequate. The funding agencies are satisfied and real users are functioning with security in real time.

GridFest was the main event at CERN. Both U.S. Tier 1 sites were represnted. Since sharing of the data and cooperating on its production is critical, most users are interested in the LHCGrid.

M. Goldberg(NSF): LHC (2 days) has federated organizations that needed to be there. On the experimental side (ATLAS, CMS) agencies are very committed. We need the cyberinfrastructure but what is needed over the longer-term? Do we need an MOU to sustain over a 20 year time scale?

Discussion indicated that we have to ensure that the infrastructure exists and is extremely reliable. There was a power interruption at one point and we need to assure that OSG will continue running through a power interruption.

ST: The software you're describing sounds critical. There is another NITRD Program Component Area that is a good connection with this type of activity. The High Confidence Systems and Software (HCSS) coordinating group would be interested in hearing about this and perhaps a workshop in conjunction with them would be possible.

ML: Taking advantage of the commonalities of software is a powerful approach to enabling the grid world. Resources are needed to identify opportunities. A workshop could provide a starting point.

ML: At a recent workshop on cloud computing, the Amazon team's biggest problem is dealing with faults. An emphasis on dependability for evaluation and reliability is needed.

Don Riley (UMD): There is a current effort with the National Academies on US/China data cooperation. Two other interesting task groups being formed. One on "Digital Knowledge Resources" and the other on "Digital Knowledge Infrastructure" which I will be cochairing.