

MAGIC Tasking from the LSN for FY2015

Take an in-depth look at how distributed computing will evolve over the next 5 – 10 years. Some specific issues are:

- Multi-core processors requiring codes become more parallel
- Memory to flop ratios changing
- I/O rates not keeping up with either parallel processing or core network speeds
- Emerging experimental / observational science communities
- Instruments and detectors generating more data
- Integrating knowledge bases into Distributed Computing infrastructures
- Visualization and analysis services for multiple and/or remote users
- Virtualization technologies