



AGENDA

1. **Current Status**
2. **Current/Future Plans**
3. **Funding**

- **National lattice data grid**
 - ▶ daily data sharing in research group
 - ▶ 10 physics research groups, O(60) users
- **Regional grid of ILDG**
 - ▶ ILDG gateway and Plone server are working
 - ▶ installing Inca monitoring service
- **Storage**
 - ▶ Gfarm distributed file system
 - @ 2.6PB on 20 servers in 7 sites
 - ▶ users can transparently access files in the file system
- **HPCI Shared Storage**
 - ▶ 20 PB Gfarm distributed file system to share data among K and supercomputers in Japan
 - ▶ Users, who have an HPCI user certificate, can access to both JLDG and HPCI Shared Storage

Current/Future plans

● **Storage elements (7 sites in total)**

- ▶ CCS (U. Tsukuba), KEK, Hiroshima U., Osaka U., Kanazawa U., Nagoya U., U. Tokyo
- ▶ Currently working to add RIKEN and Kyoto U.

● **Statistics**

- ▶ #users: 67 (+ 65 from ILDG)
- ▶ data size: 1.5 PB, 58M files (was 0.4 PB, 28M files as of ILDG19)
- ▶ public via ILDG: 59 ensembles, 39K configurations

● **JLDG VOMS upgrade**

- ▶ done

● **Hardware replacement**

- ▶ machines for MDC/FC need to be replaced

JLDG has been supported

- ▶ by an **HPCI strategic program** “Origin of matter and the universe” (FY2011 – FY2015)
- ▶ for hardware and outsourcing of maintenance and upgrading

Thank you for your attention!