



AGENDA

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

● National lattice data grid

- ▶ daily data sharing in research group
- ▶ 15 physics research groups, 61 users

● Regional grid of ILDG

- ▶ ILDG gateway is working
- ▶ Plone has been under maintenance due to outside attacks
- ▶ Inca monitoring service installation (cont'd)

● Storage

- ▶ Gfarm distributed file system
 - @ 6.0 PB on 33 servers in 9 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 JLDG₂ and HPCI Shared Storage

🌐 **Storage elements (9 sites in total)**

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

🌐 **Statistics**

- ▶ #users: 61 (+ users from ILDG)
- ▶ data size: 5.0 PB, 70 M files (was 1.5 PB, 58 M files as of ILDG21)
- ▶ public via ILDG: 59 ensembles, 39K configurations (unchanged since ILDG21)

🌐 **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!