



# Status Report: ILDG Middleware, JLDG & LQA

(M. Sato, T. Yoshie, O. Tatebe, N. Ishii, N. Ukita, T. Amagasa, Y. Ukawa, CCS)



## AGENDA

1. Current status of JLDG
2. Faceted navigation interface for QCDml
3. Other related topics

# New JLDG operation



- **Daily data sharing test in a research group in JLDG is on-going**
  - ▶ File replica creation achieves 50 MB/sec to 80 MB/sec among JLDG sites
  - ▶ VOMS Synchronization test is completed
- **Hands-on seminar of JLDG and ILDG will be held in January, 2010**
- **Accessing data in ILDG is available by GridFTP only**
- **120TB storage at Tsukuba and 50TB at KEK will be installed at the end of this fiscal year (March 2010)**

# Faceted Navigation of QCDml



Faceted Navigation I/F of QCDml is ready

<http://www.jldg.org/facetnavi/>

Any comments are welcome!

amagasa [AT] cs.tsukuba.ac.jp

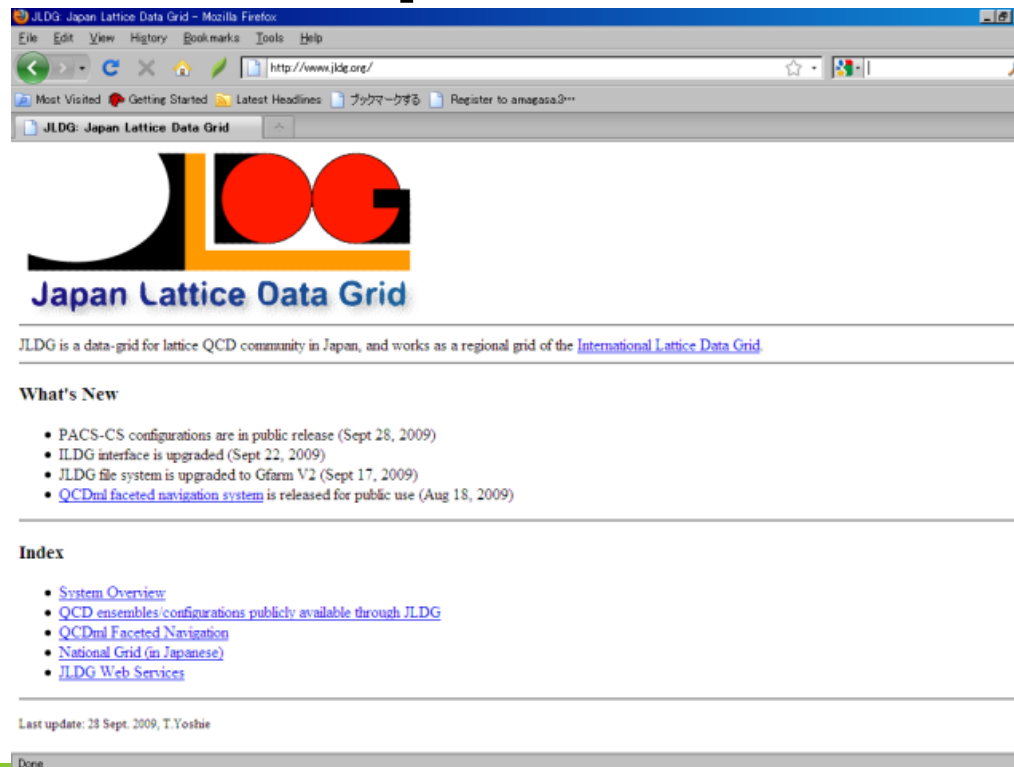
The screenshot shows the 'QCDml Faceted Navigation' web interface. The browser address bar displays 'http://www.jldg.org/facetnavi/index.php?collaboration=CP-PACS+JLQCD'. The page content includes a sidebar with filters for 'rmid', 'collaboration', 'projectName', 'date', 'size', 'numberOfFlavours', 'gluon', 'quark', 'beta', 'kappa', and 'mass'. The main area shows a 'Filter Condition(s):' field containing 'collaboration=CP-PACS+JLQCD' and an 'Ensemble(s) (30):' list. The list contains 30 entries, each with a unique identifier and a URL. The first few entries are:

- #1 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013655Ka013710C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.136550) npCloverQuarkAction(nf=1/kappa=0.137100)
- #2 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013655Ka013760C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.136550) npCloverQuarkAction(nf=1/kappa=0.137600)
- #3 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013710Ka013710C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.137100) npCloverQuarkAction(nf=1/kappa=0.137100)
- #4 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013710Ka013760C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.137100) npCloverQuarkAction(nf=1/kappa=0.137600)
- #5 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013760Ka013710C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.137600) npCloverQuarkAction(nf=1/kappa=0.137100)
- #6 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013760Ka013760C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.137600) npCloverQuarkAction(nf=1/kappa=0.137600)
- #7 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013800Ka013710C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.138000) npCloverQuarkAction(nf=1/kappa=0.137100)
- #8 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013800Ka013760C1761 iwasakiRGKluonAction(beta=1.8300000000) npCloverQuarkAction(nf=2/kappa=0.138000) npCloverQuarkAction(nf=1/kappa=0.137600)
- #9 [16/16/16/32] mc://JLDG/CP-PACS+JLQCD/RCNF2+1/RC16x32\_B1830Kud013825Ka013710C1761

# Other related topics



- **Dr. Naoya Ukita joined as a local staff**
- **The design of JLDG web has been changed**
- **LQA (Lattice QCD Archive) was shutdown, restructured as a part of JLDG**



Thank you for you attention!

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