

Brazilian LIneA contacts and requirements

NCSA / FNAL to LIneA:

Associated physics project

- The Dark Energy Survey (DES) project will last 5 years, second half of 2012 generating 500TB/yr.
- Contacts of DES
 - NCSA: Donald Petravic - petravic@illinois.edu - DES Data Management Project Manager
 - FNAL: Elizabeth Buckley-Geer - buckley@fnal.gov
 - LIneA: Angelo Fausti Neto - angelofausti@gmail.com
- Data will be moved from CTIO to NCSA and Fermilab.
- LIneA will hold processed data from NCSA and FNAL. Estimated: 63TB/yr.
- Tests will be scheduled to define if transfer will be from NCSA or FNAL to LIneA.
- Transfers:
 - NCSA host: 141.142.234.152 (desar.cosmology.illinois.edu). In case of transfers using GridFTP, can be a different host.
 - LIneA host: 186.232.60.129.
- Tools:
 - FTP and wget transferring ~100 files simultaneously. Transfer rate reached: ~100-200Mbps
 - DESDM is planning to start using GridFTP.

SLAC to LIneA:

Contacts of DES Project:

- SLAC: Risa Wechsler - rwechsler@stanford.edu, Les Cottrell - cottrell@slac.stanford.edu
- LIneA: Angelo Fausti Neto - angelofausti@gmail.com
- LIneA physicist: The chief researcher at LIneA is prof. Luiz Nicolaci da Costa (ldacosta@linea.gov.br)
- DES Project timeframe: 2012 - 2017
- Data: 50-75 catalogs of 200GB/each. Estimated data transfer: ~2TB/yr.
- Transfer:
 - Actual transfer rate: ~100-200Mbps. Data transfer: ~200GB in 4h.
 - SLAC host: 134.79.18.188 (www1.slac.stanford.edu).
 - LIneA host: 186.232.60.129

Technical contacts

LIneA

Luiz Nicolaci (LIneA Coordinator) <ldacosta@linea.br>
Mauro Machado (who is responsible for the hardware) <mauro@slacam.com.br>

RNP

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