



Morphometry BIRN

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for Biomedical Imaging**



2005 Morphometry BIRN Annual Meeting

Some Good News!

Priorities for Oct 2005

Science & Technology Publications

- MRI Calibration (MGH, UCSD)
 - Defacing (UCSD, WashU, MGH)
 - SASHA (JHU, WashU, MGH)
 - MIRIAD (Duke, BWH, UCLA)
 - Multi-site AD (UCSD, BWH, WashU)
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- **Infrastructure deliverables**
 - MR Acquisition/Calibration tools
 - Defacing tools
 - Morph GUI & Data management tools (XNAT, ADNI, HID)
 - Workflow management tools

Working to improve workflow

- Workflow Problem
 - Identify bottlenecks (usually where human intervention required) and engineer high-throughput solutions
- Workflow solution
 - Unify data processing pipeline solutions at various sites to become single mBIRN solution
 - Implement an open source solution using existing workflow-expression standards
- Benefits of single mBIRN solution
 - Set up collaborations faster
 - Greater exploration of recalculated experiments
 - Ability to routinely explore complex parameter spaces

mBIRN 2005: Meeting Overview

- **Wed Mar 2**
 - PM: Welcome/Overview
 - Plenary Talk
- **Thu Mar 3**
 - AM: Core Progress Reports
 - PM: Group Discussions
 - MRI
 - Multi-site AD
 - Data/Workflow Management
- **Fri Mar 4**
 - AM: Group Discussions
 - PM: Summary Plans

BIRN Enabled Computational Anatomy

Mike Miller - JHU