

# DANSE January 2007 Closeout Session



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- Science
  - Technology
  - Development Process

# Science

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- Inelastic
  - single crystal work
  - Physical chemistry
  - QENS

## Large-scale structures

- visualization tools
- Optimization
- Engineering of reduction/analysis application

## Diffraction

- resolve GSASS
- Use case overlaps of WBS 6 and 7

# Technology

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- Multiprocessor support (parallel component control and deployment layer)
- Build system (ease of use, planning for release system)
- GUIs, data display, interactivity
- Optimizers
- Vistrails evaluation
- Incorporate widgets into automatic GUI-builder
- Base class for DANSE clients and servers
- Pyre documentation

# Development Process

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- Reviews
    - criteria, standards for individual tasks, standards for quality versus standards for EVMS, involvement of stakeholders
  - Documentation
    - archival, web-based,
  - Releases
    - Behavioral Specs and Architecture standards
- Cross-project tracking and repositories (evaluate intertrac)
- Usage testing and user feedback