### Registration

Bruno 7/25/2008

### Goal

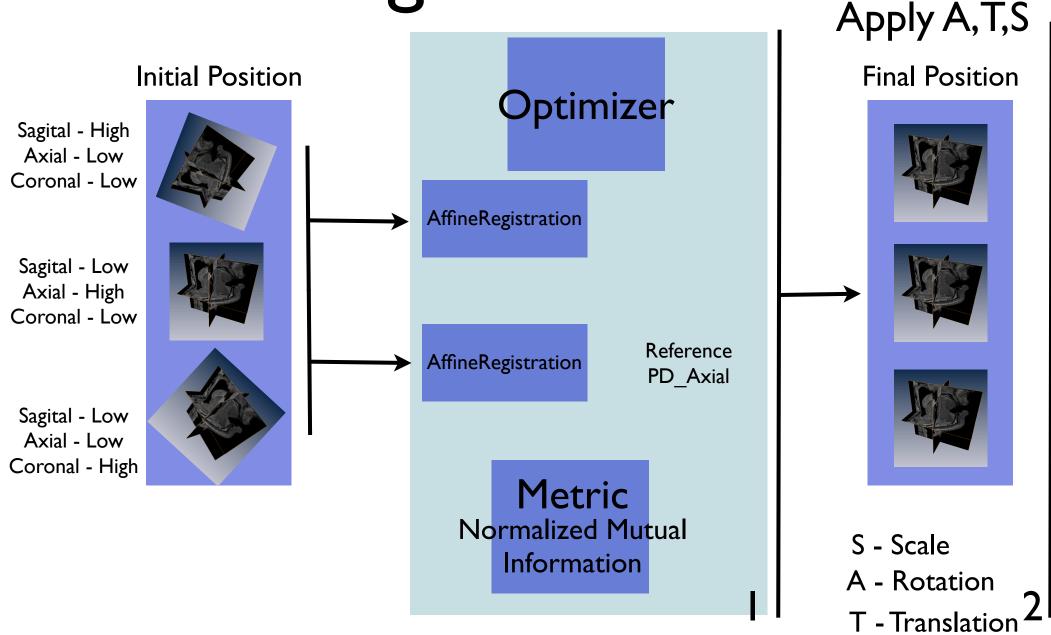
- Register and merge the MR Data sets
- Register and merge the CT and MR merged

## Approaches

- AffineRegistration Amira
- Lanczos and Standart Interpolation (Merge the data sets) Amira

#### → MR Registration

Registration



#### → MR Registration

# Merge

Aligned MR



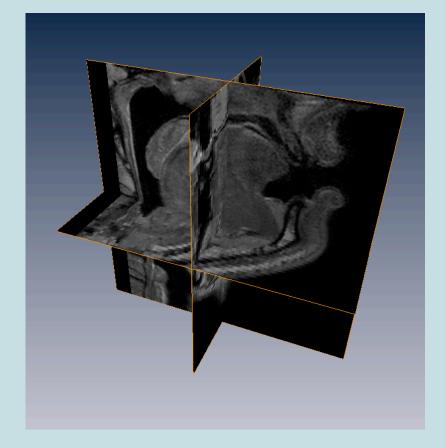




Resample

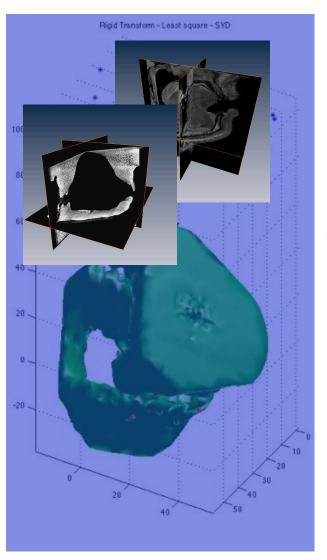
Reference PD\_Axial

Interpolation

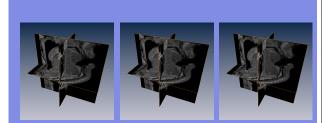


#### → Cast Merge

# Merge









### Results

#### Future Work

- → Merge using ITK
- → Include semi-automated registration in ArtiSynth
- → Fully-automated cast registration