

@LLB : 2 cold neutron radiography stations

Aim: Reduce the acquisition time in CT

Task : Implement and test new Computed Tomography algorithms

- Binary tomography may be applied to a number of experimental systems

Recent new algorithms

- *Belief Propagation Reconstruction for Discrete Tomography*
E. Guillard et al, Inverse Problems (2013)
- *Efficient binary tomographic reconstruction*
S. Roux et al, J. Math. Imag. Vision (2013)

To be done

- Write, test and optimize (GPU) plug-ins for MuRec