Deconvolution of large 3D images obtained by confocal laser scanning microscope

Piotr Pawliczek, Anna Romanowska-Pawliczek, Zbigniew Sołtys

- Capturing images of biological specimen (CLSM)
- deconvolution algorithms aimed on restoration of 3D images
- Expectation-Maximization algorithm
- parallel version of RL algorithm with Conchello regularization
- MPI environment, cluster of computers

binaryzed and deconvolved images