

# ***Piece of the Puzzle***

2010 ISMRM Meeting: Data Reconstruction Challenge

**Trajectory:** Poisson Disc

**Designer:** Miki Lustig

**Description:** Designed to sample the  $k_x$ - $k_y$  plane with a poisson distribution.

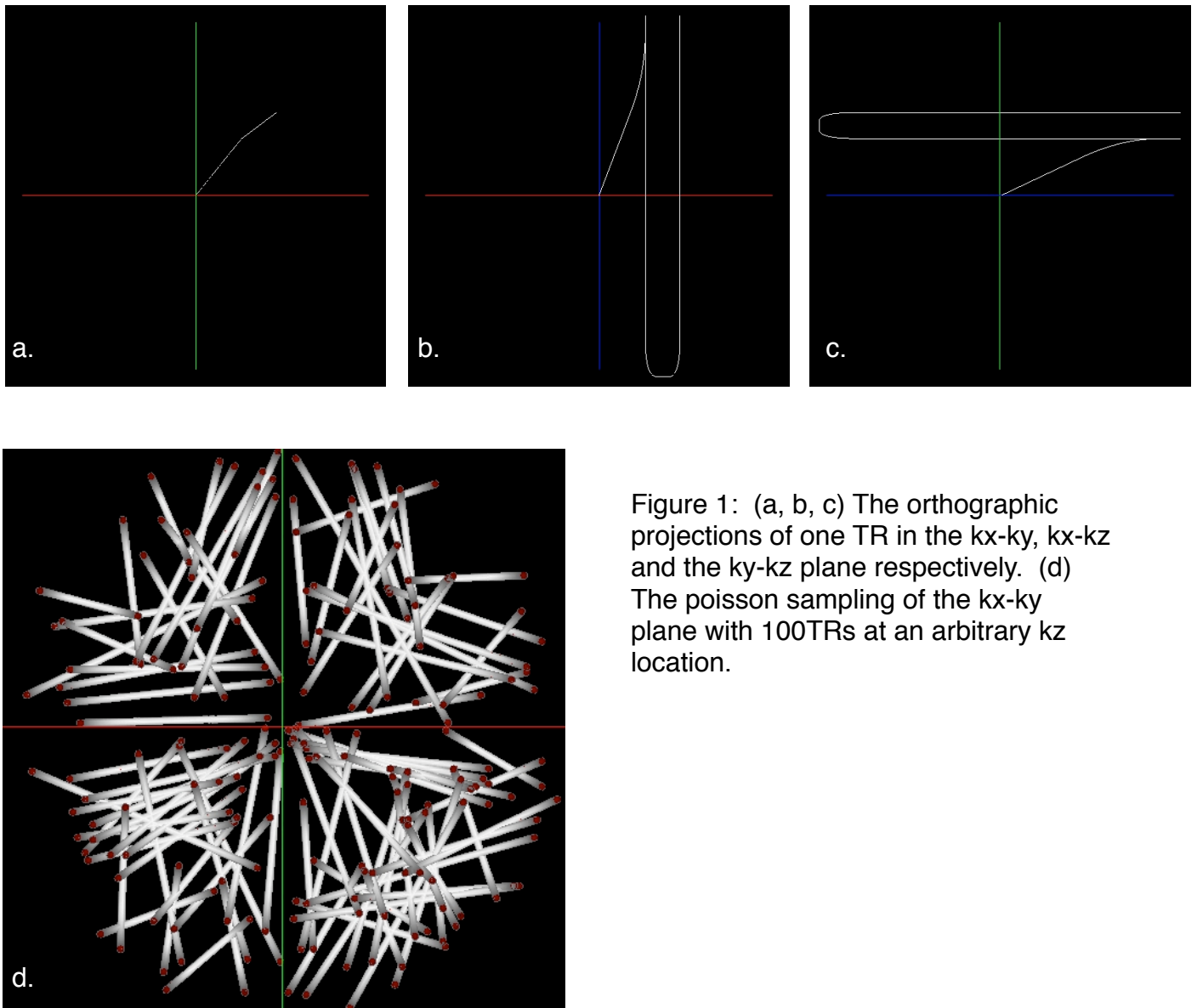


Figure 1: (a, b, c) The orthographic projections of one TR in the  $k_x$ - $k_y$ ,  $k_x$ - $k_z$  and the  $k_y$ - $k_z$  plane respectively. (d) The poisson sampling of the  $k_x$ - $k_y$  plane with 100TRs at an arbitrary  $k_z$  location.