Microtasking: UIUC effort

- Machine learning and template fitting techniques for photo-z PDF (TPZ, SOMz,BPZ, etc...)

- Multiple technique combination approach using 3 or more methods to improve photo-z nd remove outliers

- Star/galaxy separation under similar framework

- Sparse representation and dictionary learning saves about 50% of storage compared to multi-gaussian

- PDF storage analysis, 15-20 points is more than enough for full PDF reconstruction

http://lcdm.astro.illinois.edu/research.html