SceneNN: A Scene Meshes Dataset with aNNotations

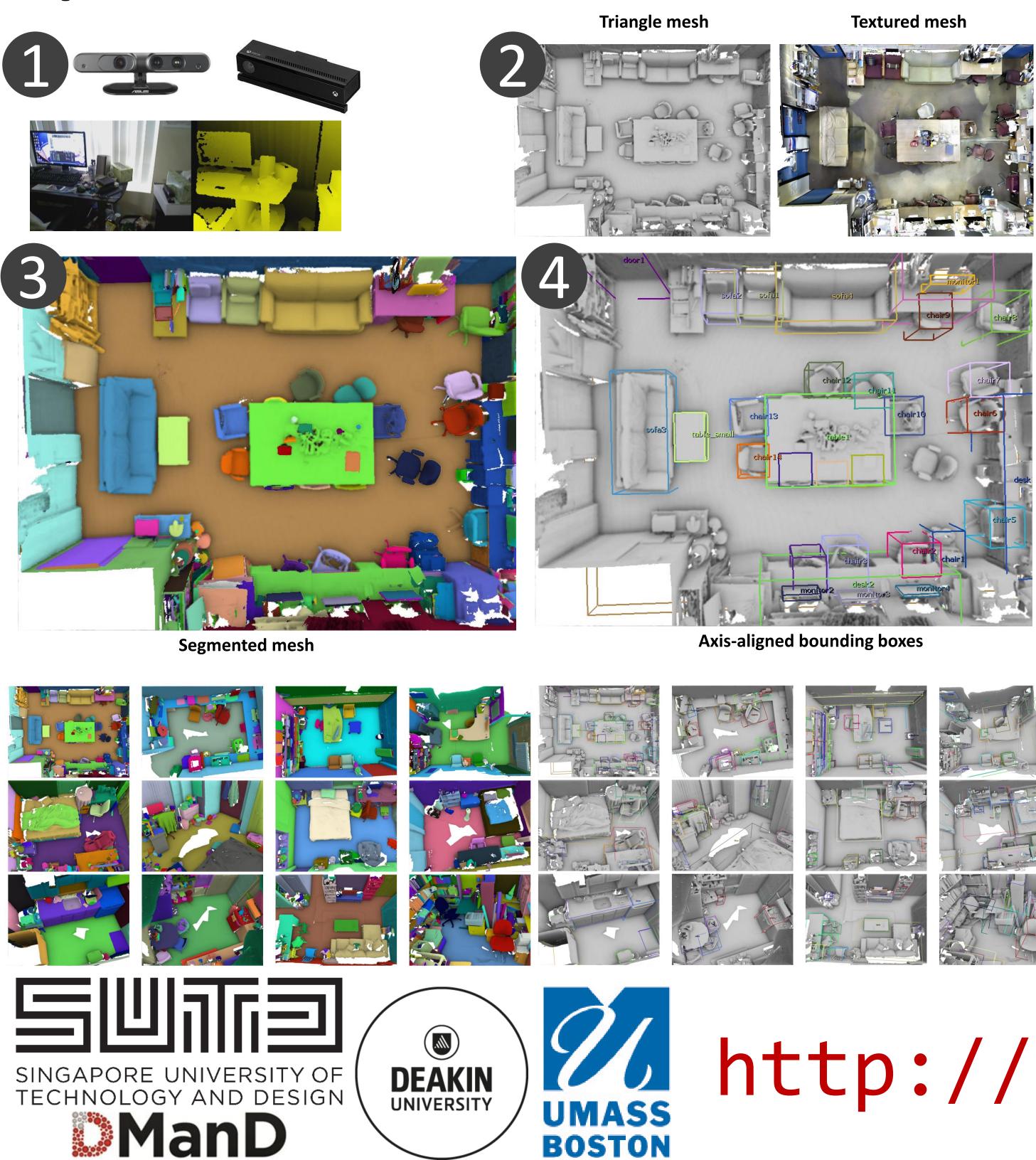
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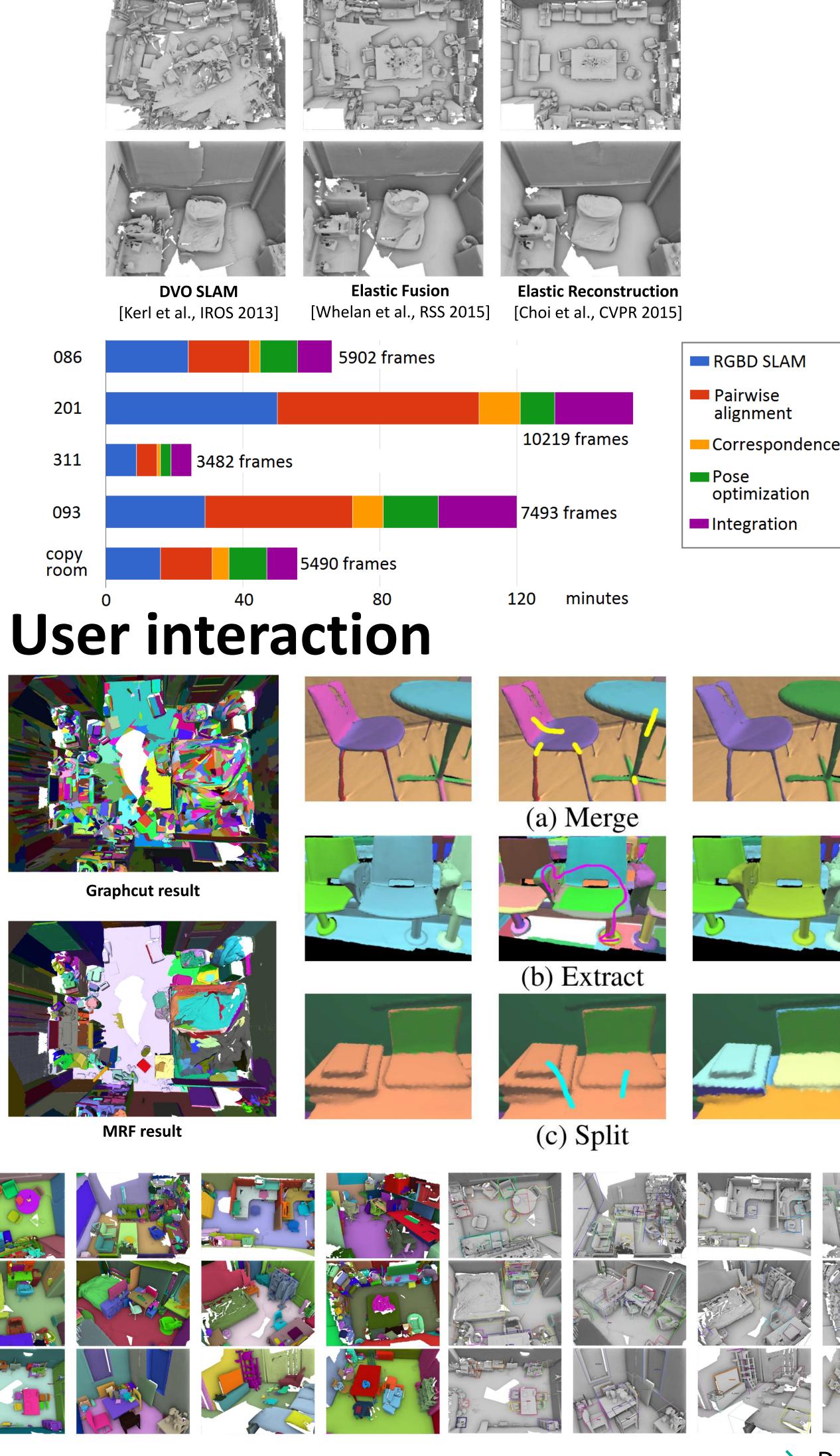
SceneNN dataset

- > 100+ RGBD scenes, from 2,000 to 10,000 frames
- > Reconstructed triangle meshes, camera poses > Per-vertex and per-pixel labelling
- > Annotated bounding boxes, object poses
- > Categories: Workplace (27) Bedroom (19) Living room (8) Kitchen (11) Study space (9) Meeting space (3) Lounge (8) Other (10) Sensor comparison (6)

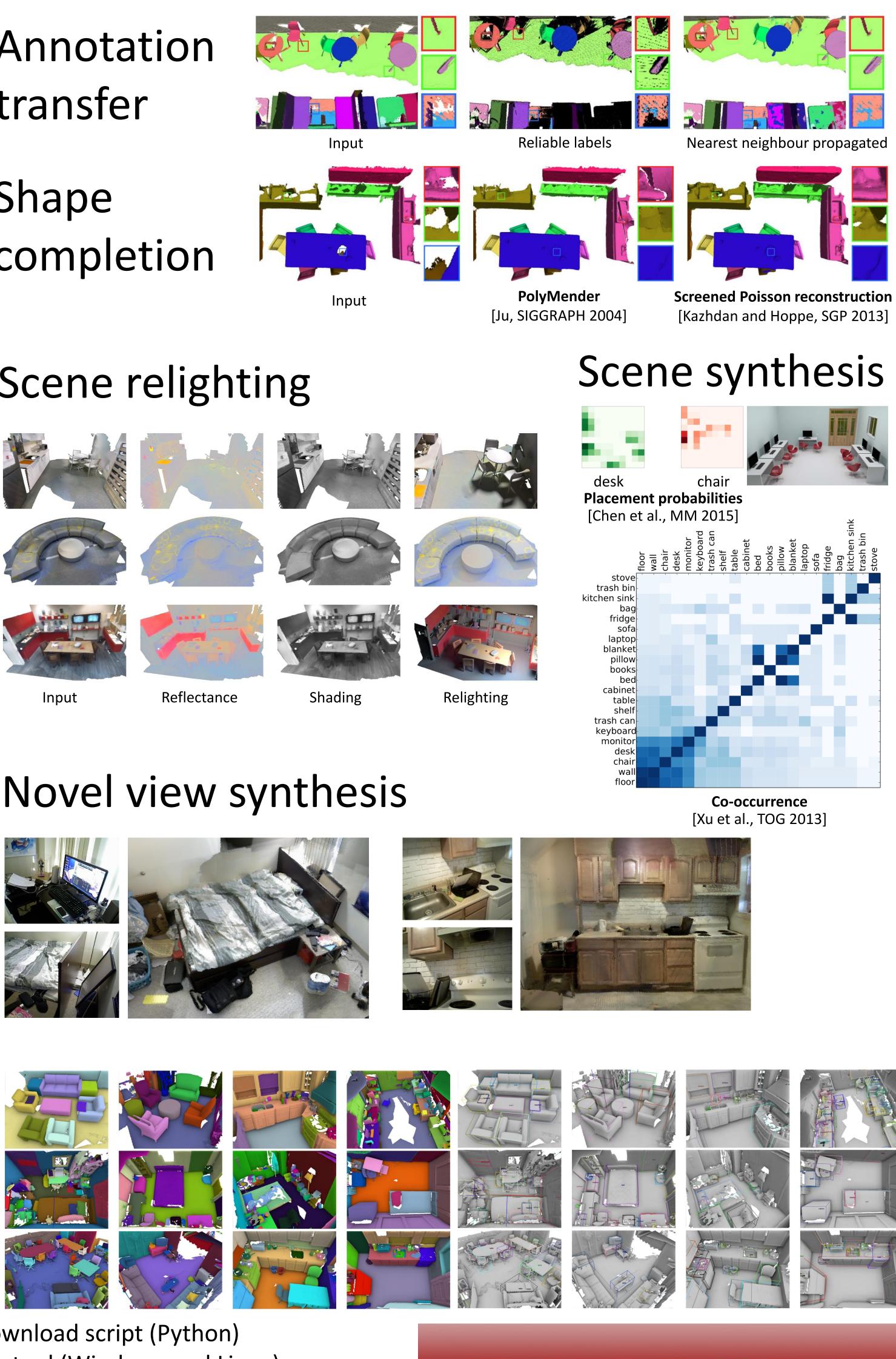
Pipeline

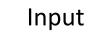


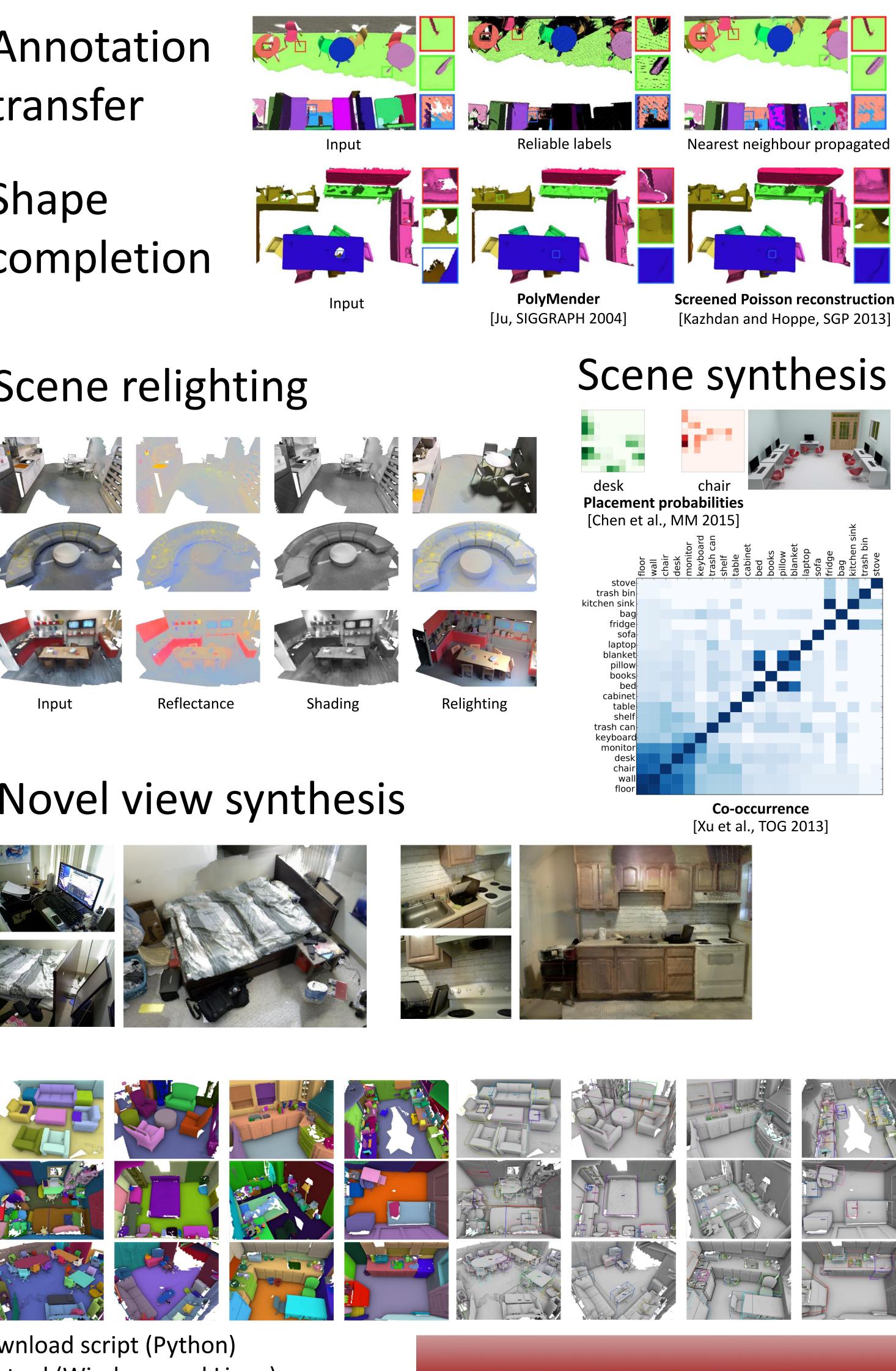


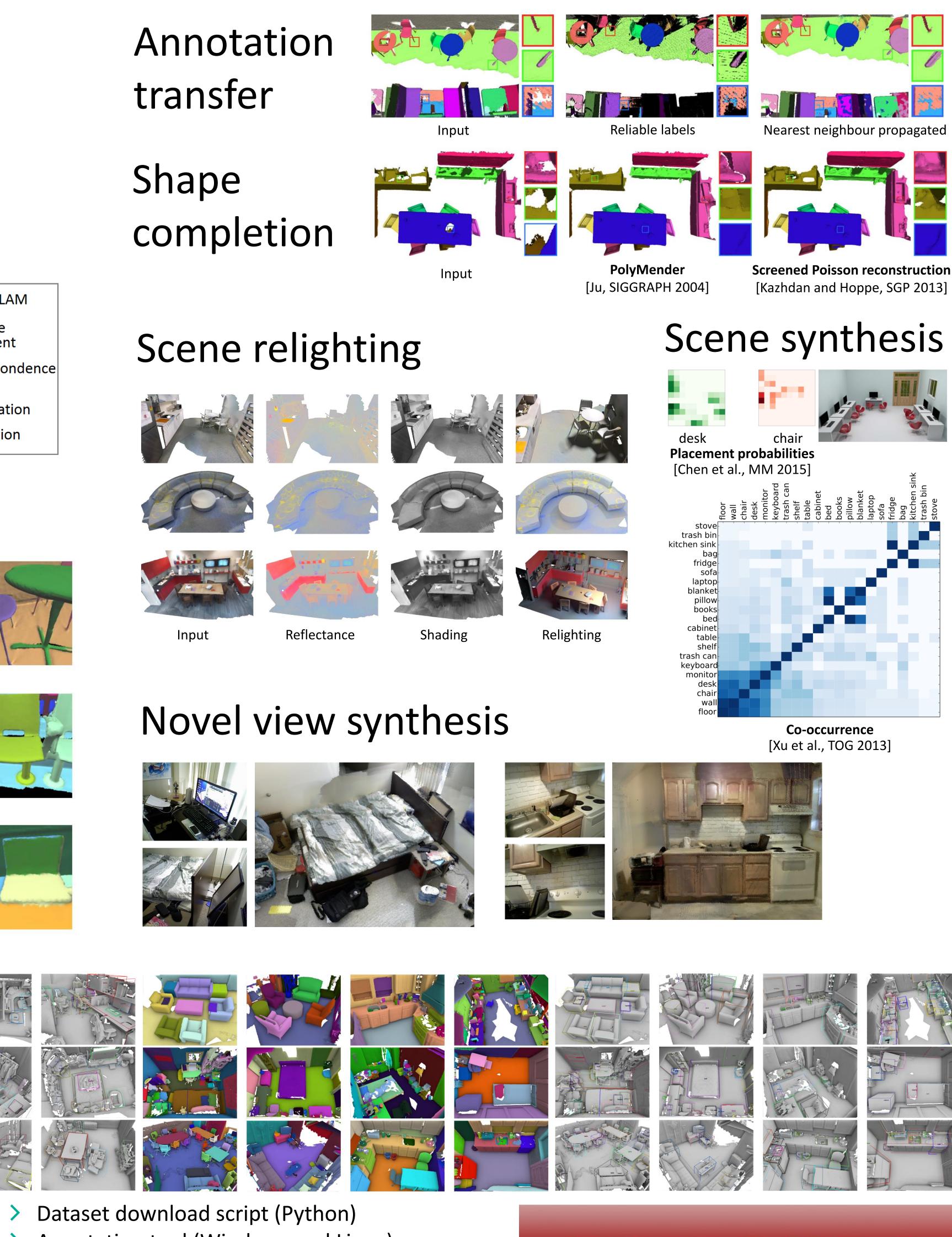


http://www.scenenn.net



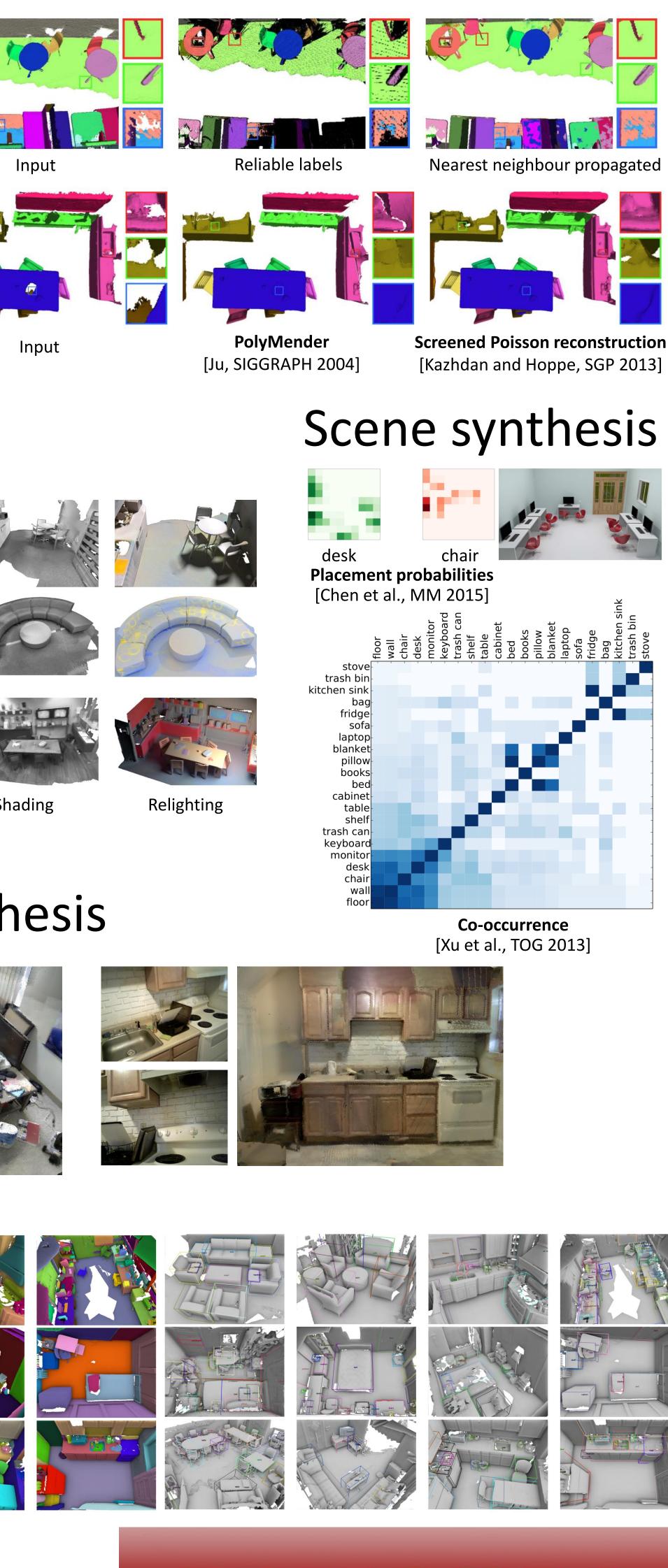






- 回核回
 - Annotation tool (Windows and Linux) Code available upon request. Supplemental and technical reports
 - Contact: scenenn@gmail.com





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Proof-of-concept applications