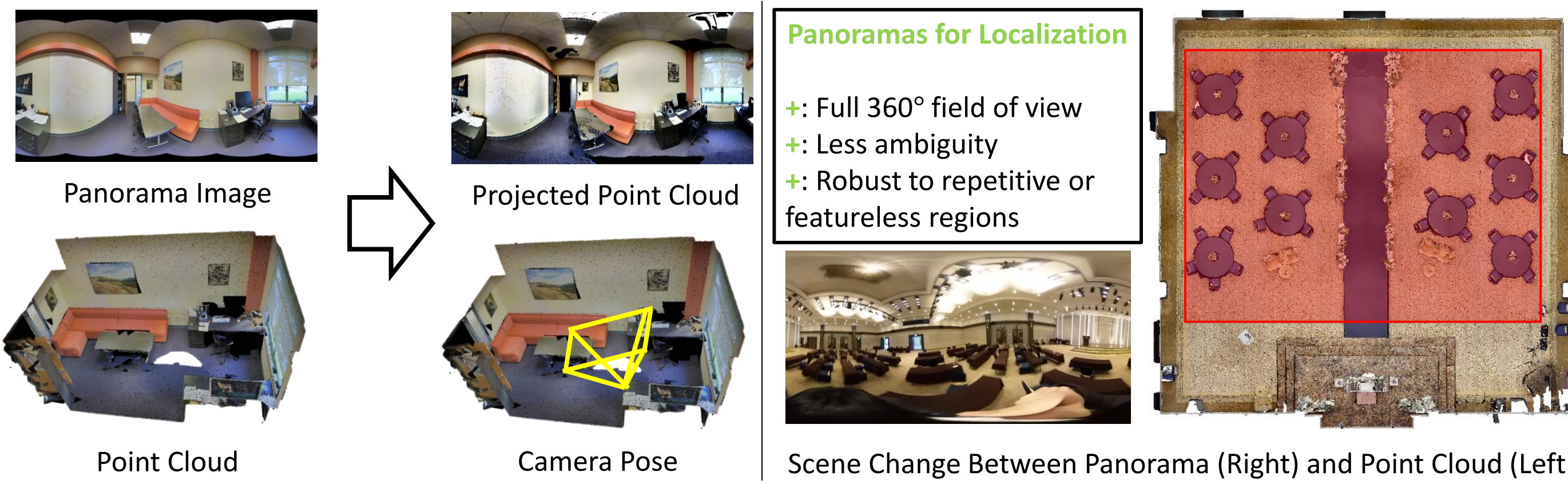
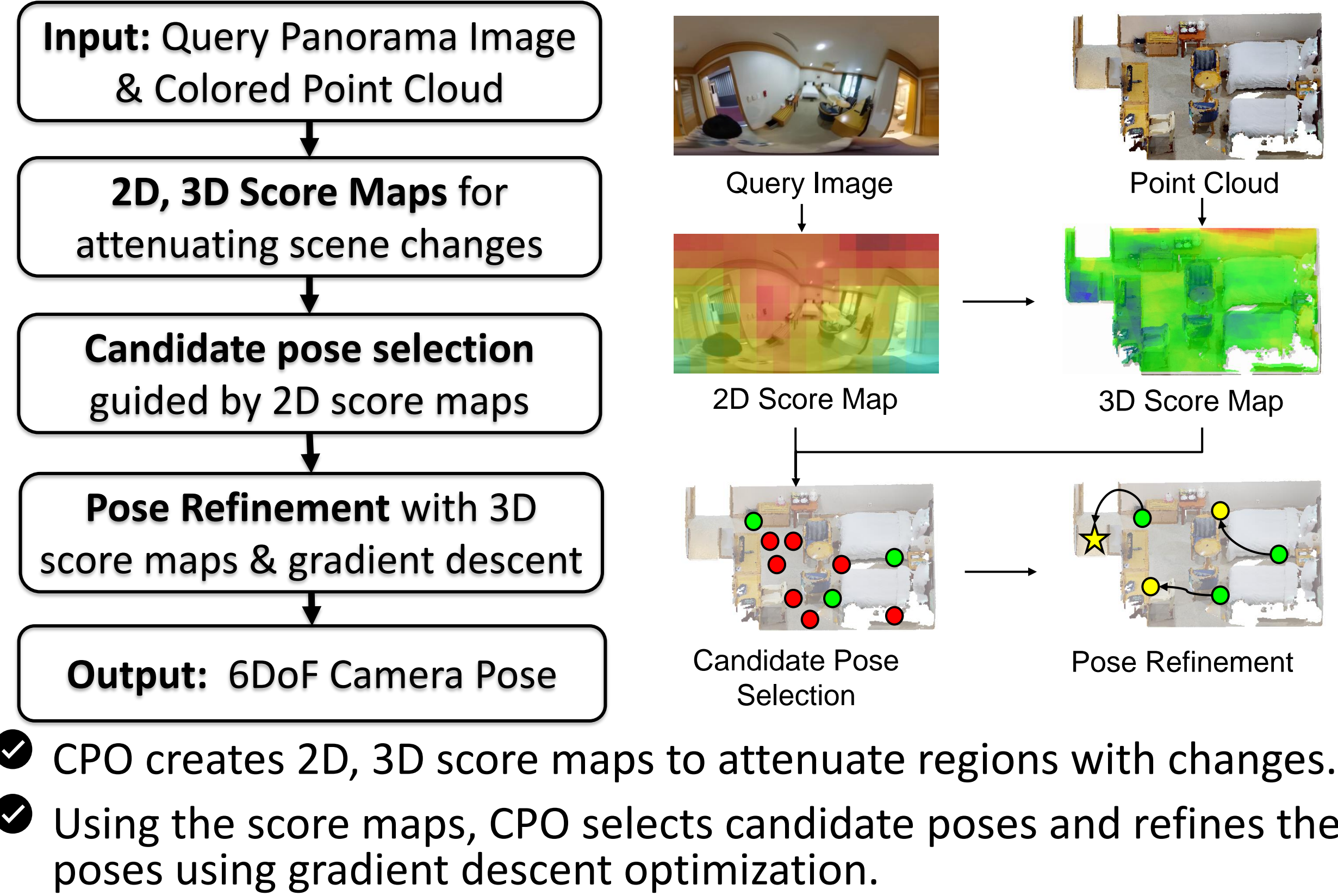


1. Scene Changes in Visual Localization

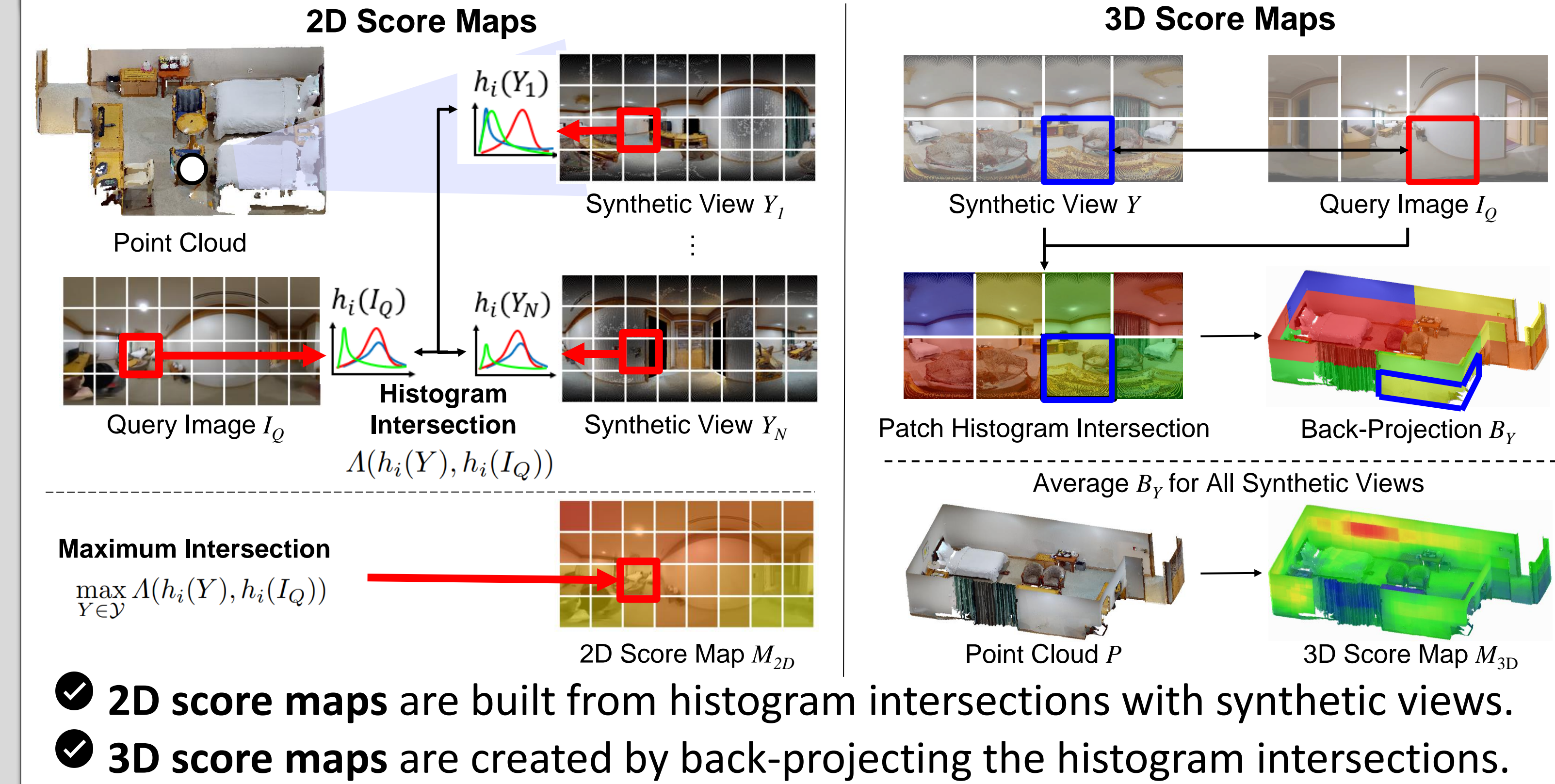
- ✓ CPO is a localization algorithm that can robustly handle large amounts of scene changes.
- ✓ CPO finds the camera pose from a panorama and point cloud
- ✓ CPO does not involve learning and is thus usable off-the-shelf
- ✓ While panoramas provide a large field of view, drastic scene changes can make localization challenging.



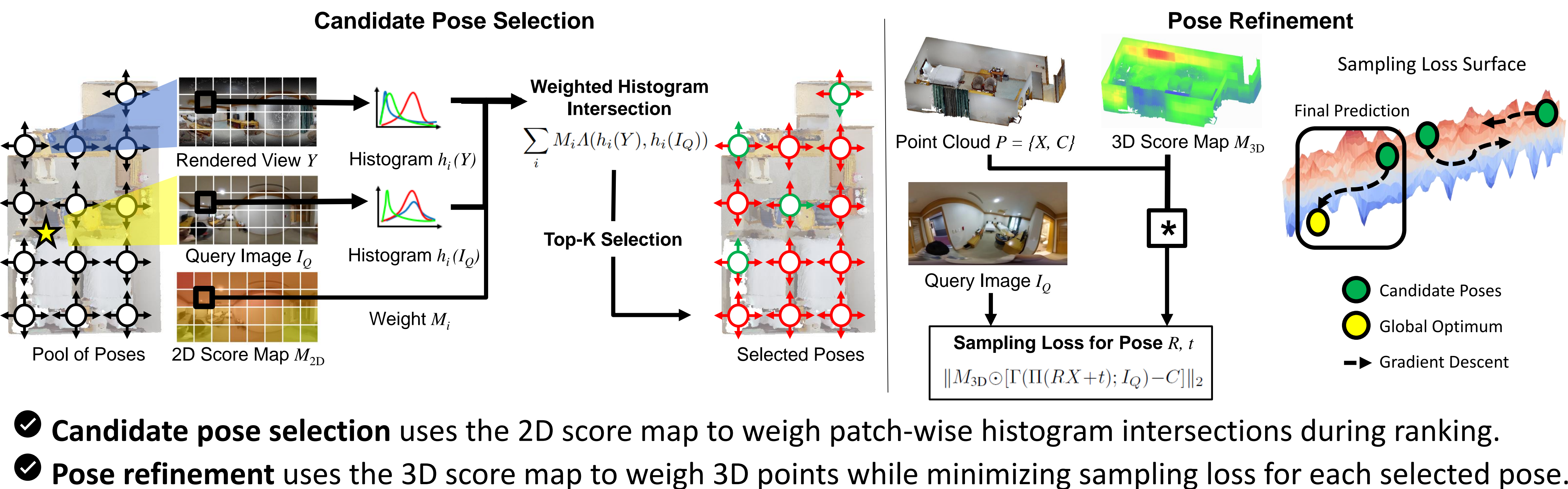
2. Overview of CPO



3. 2D and 3D Score Maps



4. Localization using Score Maps



5. Experimental Results

