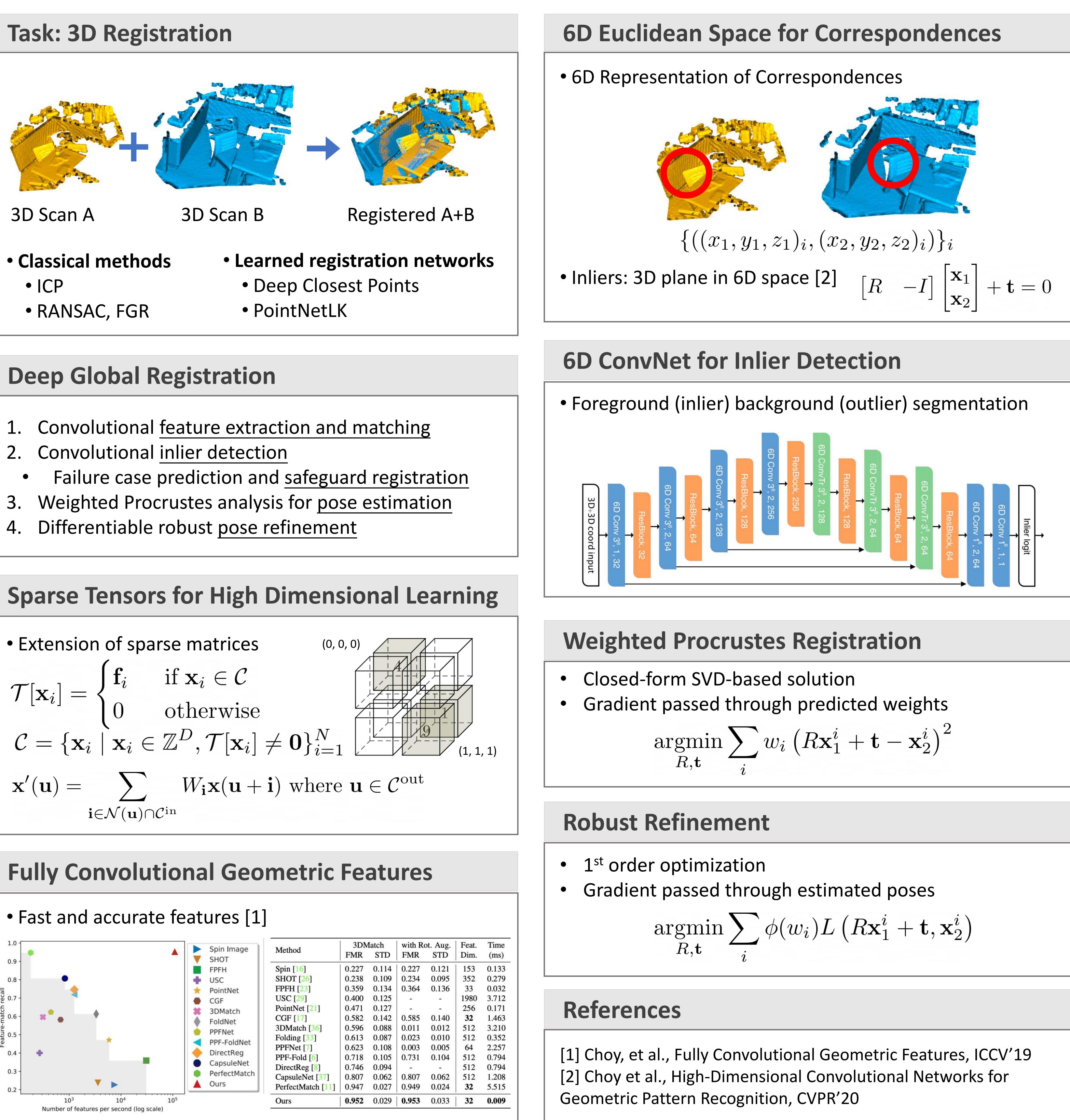
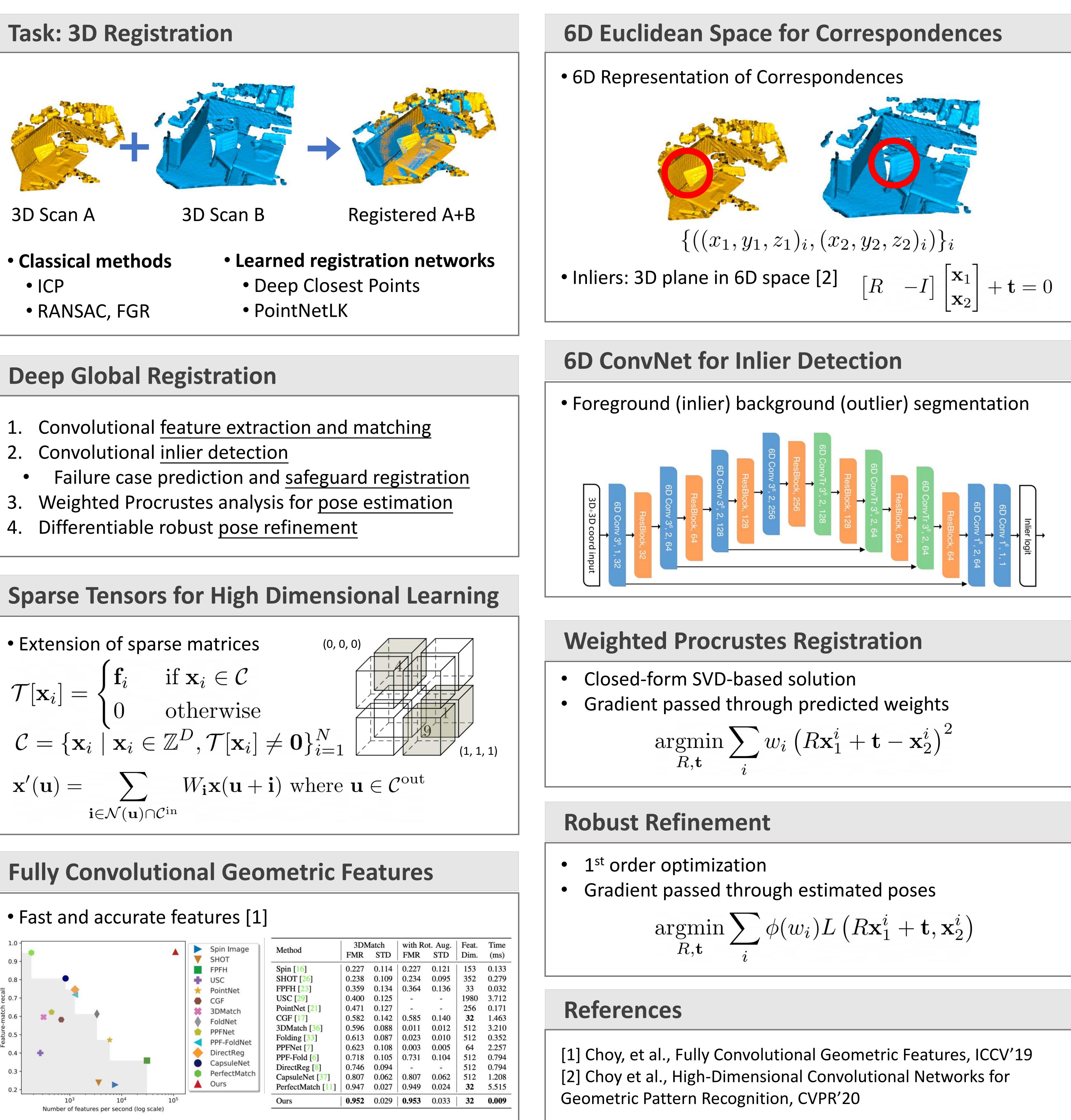
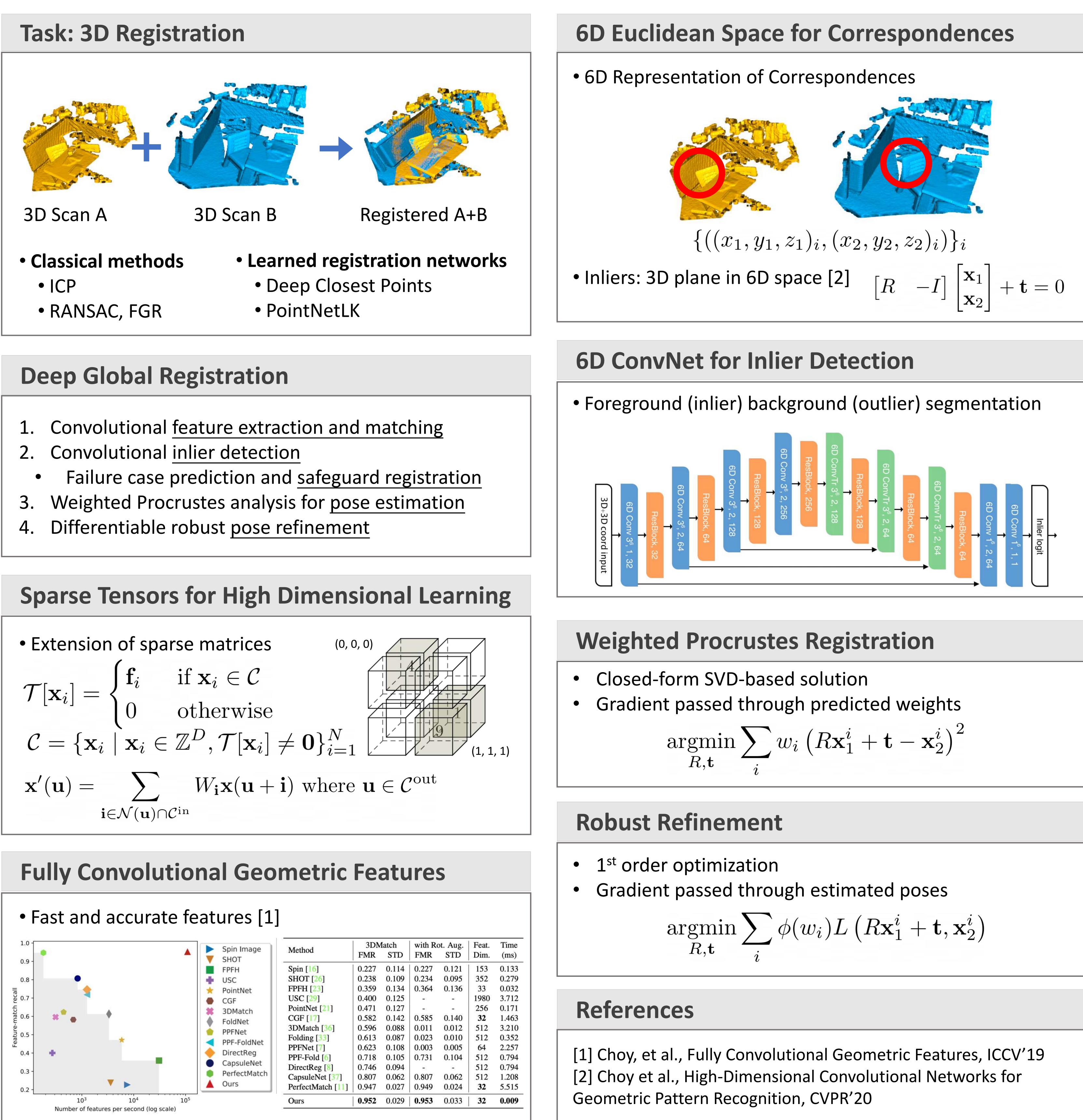


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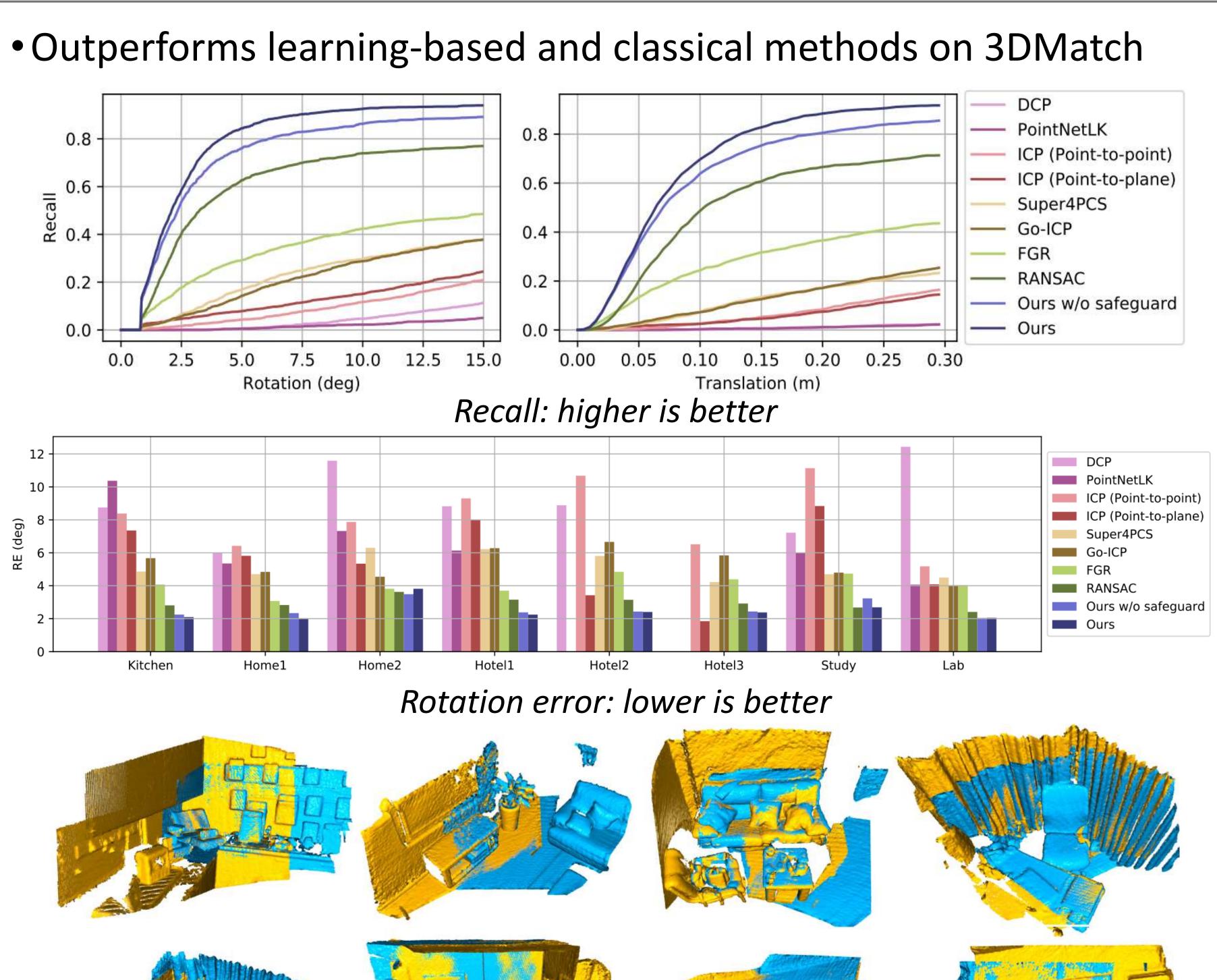


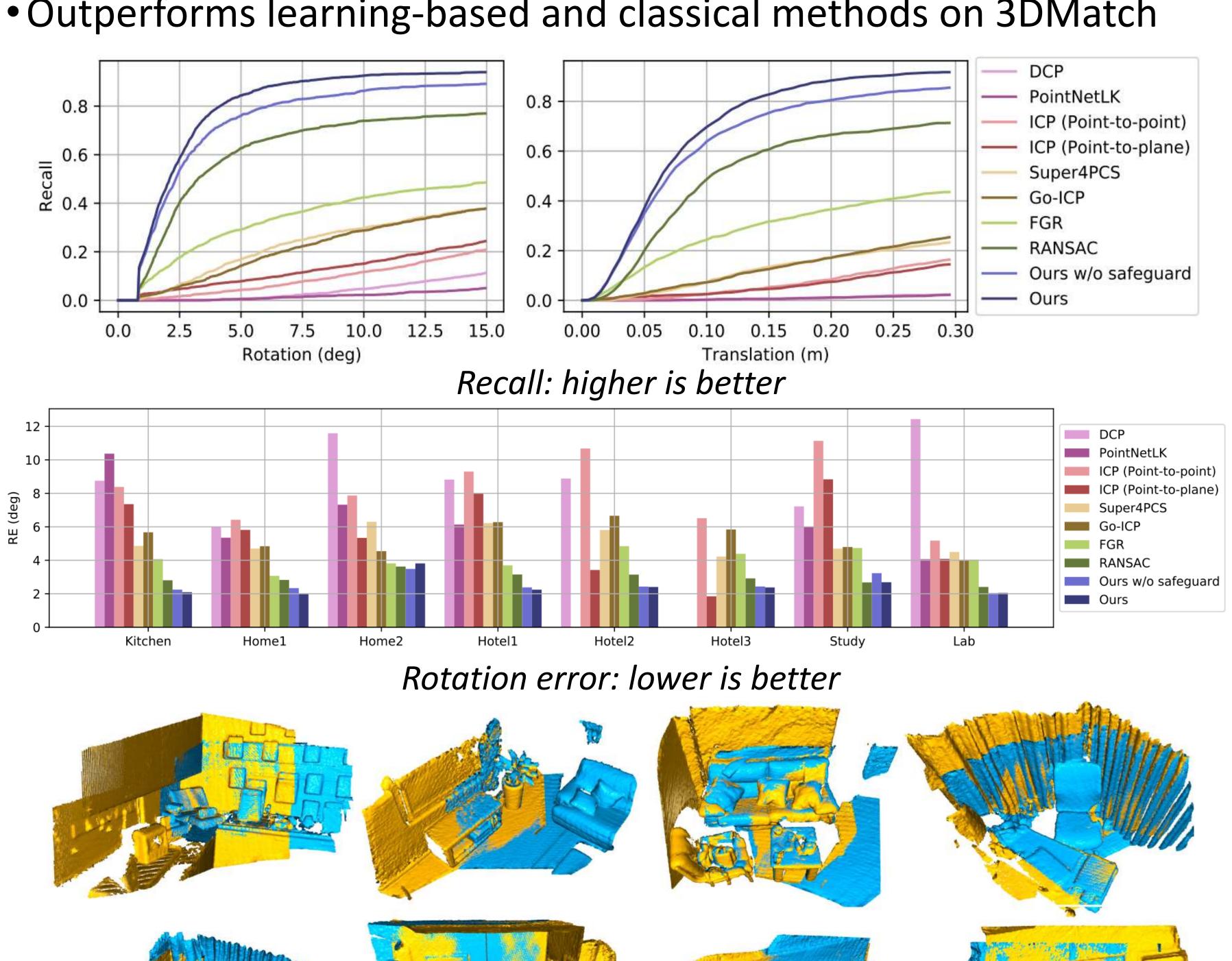
Deep Global Registration

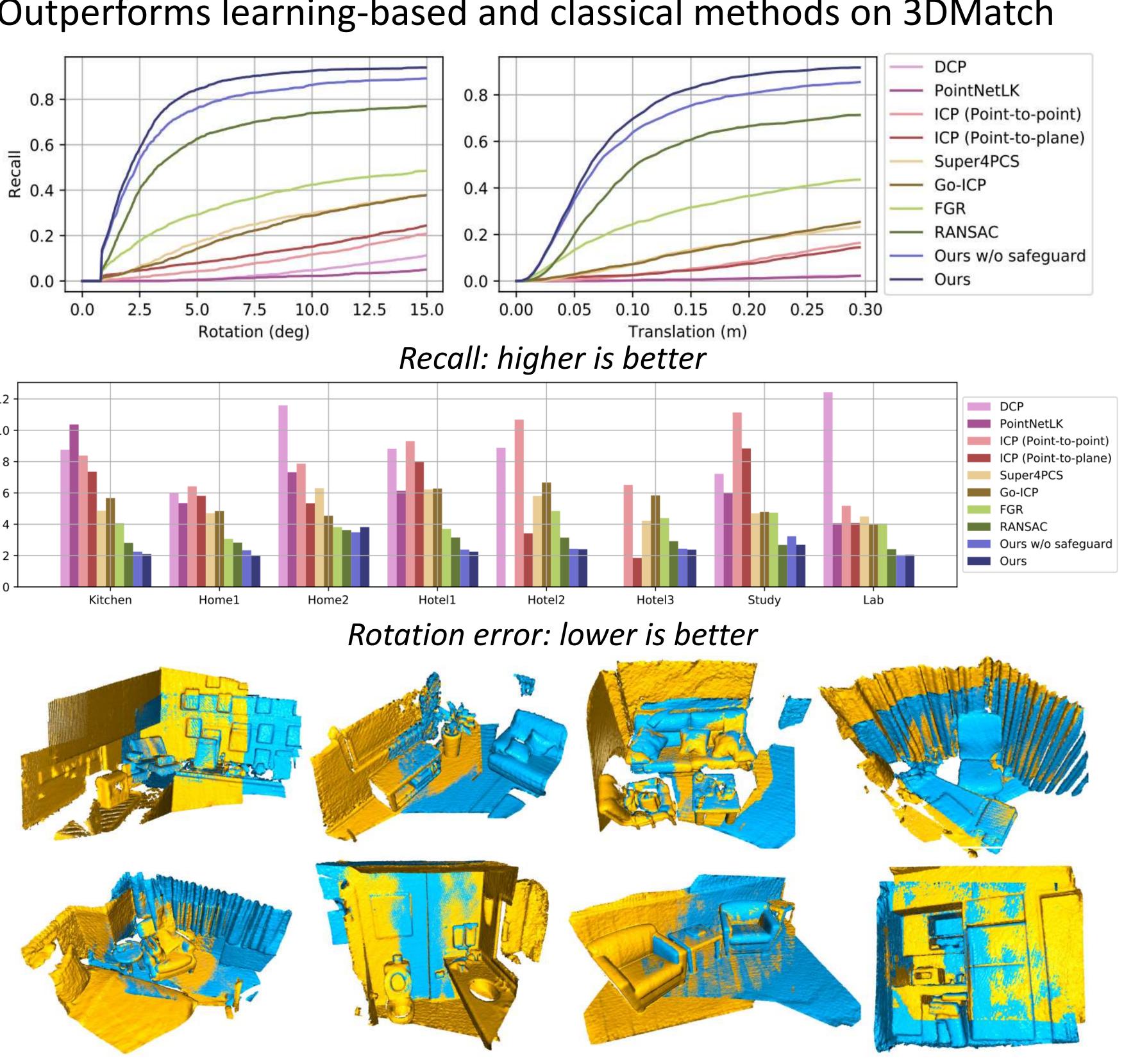
Chris Choy* Stanford University

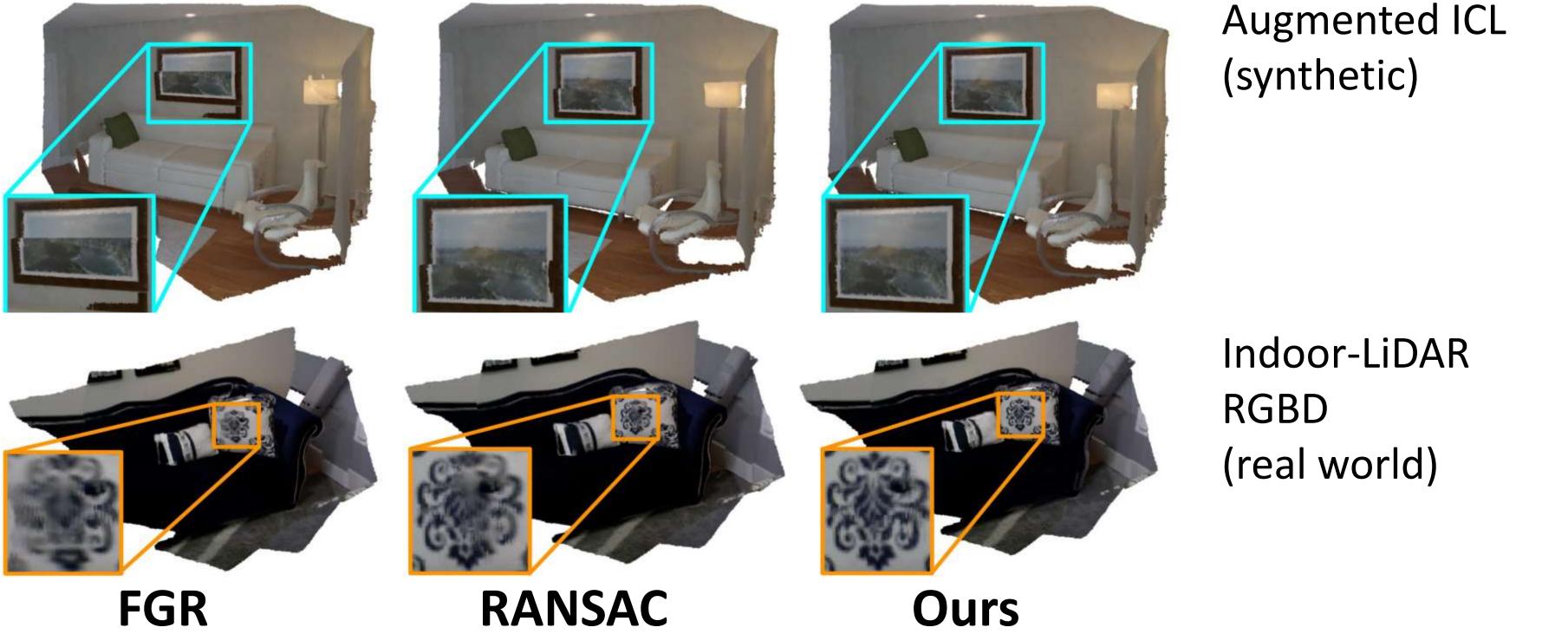
NVIDIA

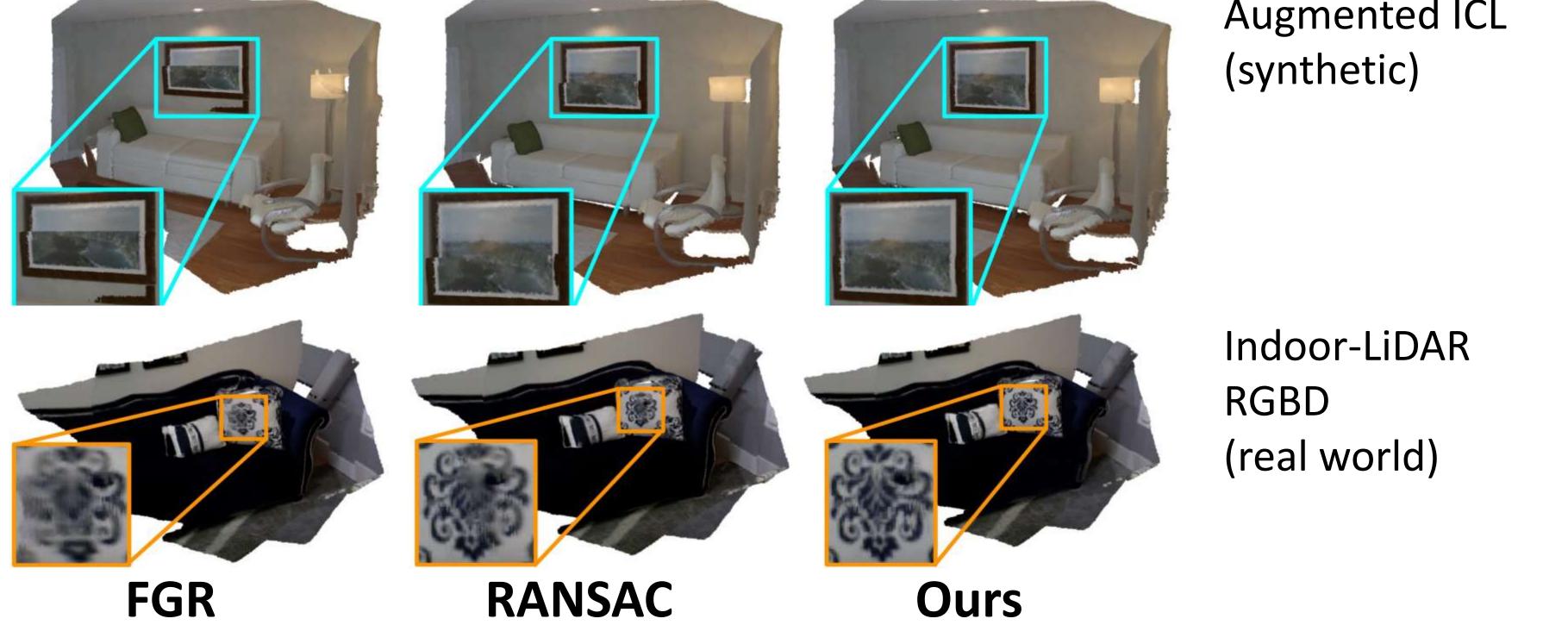
Indoor RGB-D Registration



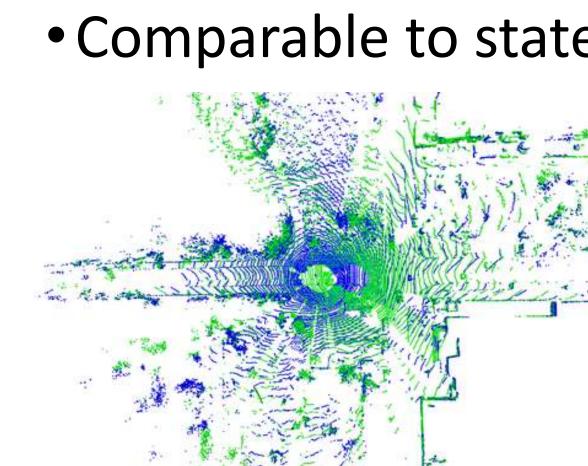








Outdoor LiDAR Registration



Wei Dong*

Vladlen Koltun

Carnegie Mellon University

Intel Labs

• Generalizes to Augmented-ICL (synthetic) and Indoor LiDAR RGBD (real world) datasets with finer registrations

• Comparable to state-of-the-art methods on KITTI

	Recall	TE (cm)	RE (deg)	Time (s)
FGR [50]	0.2%	40.7	1.02	1.42
RANSAC [35]	34.2%	25.9	1.39	1.37
FCGF [9]	98.2%	10.2	0.33	6.38
Ours	96.9%	21.7	0.34	2.29
Ours + ICP	98.0	3.46	0.14	2.51

*: Equal Contribution