HOW TO SEE THROUGH THE OBJECTS **ON THE OCCLUDED SCENE?**

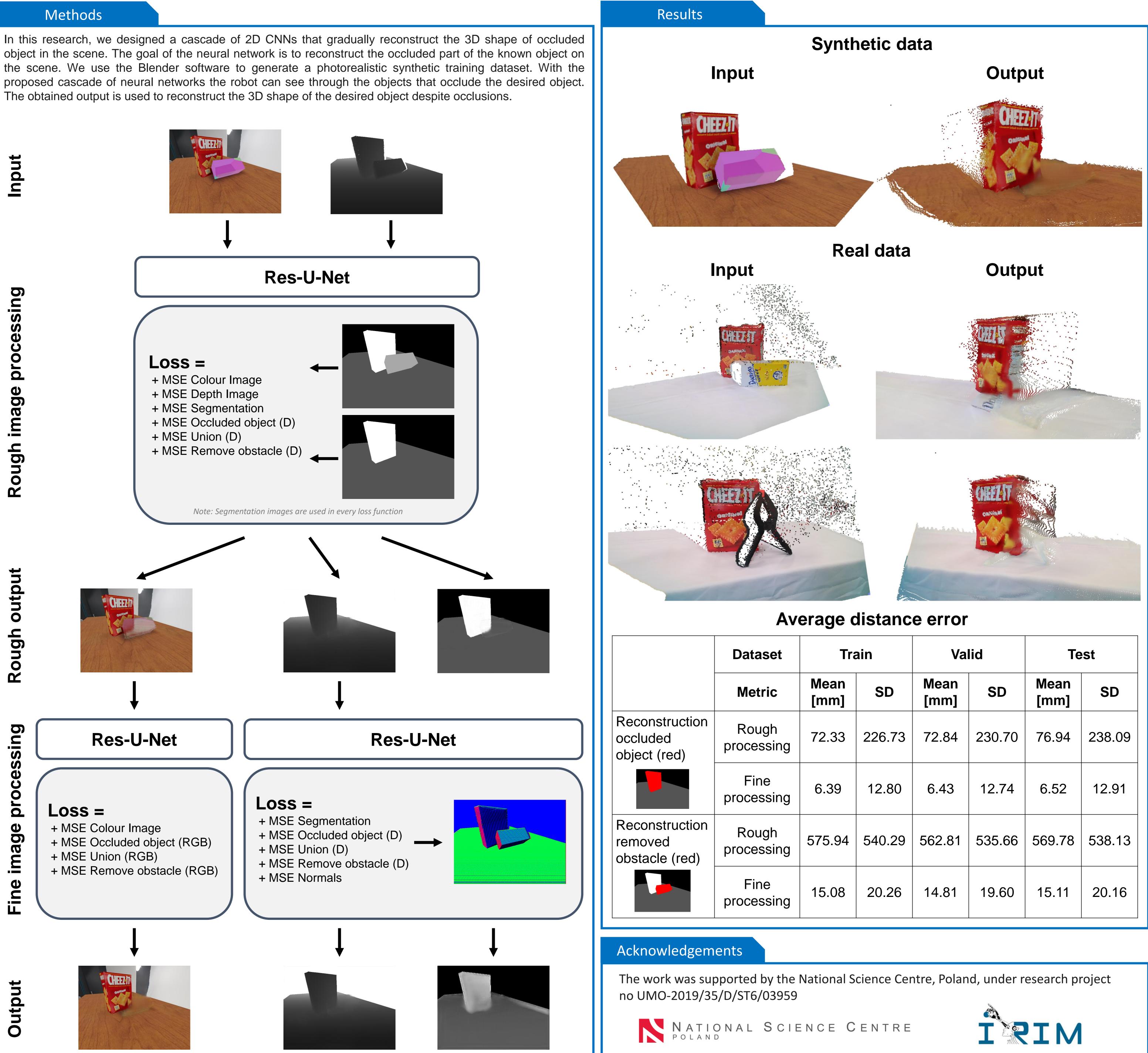
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Objectives





Gathering 3D information about the scene from a robot RGB-D camera is limited due to occlusions. Also, during grasping and in-hand object manipulation, the robot loses useful information about the object's shape and pose because of occlusions caused by the robot's fingers. In contrast, humans can estimate the pose of occluded objects from a single view.



	Dataset	Tra	Train		Valid		Test	
	Metric	Mean [mm]	SD	Mean [mm]	SD	Mean [mm]	SD	
Reconstruction	Rough	72.33	226 73	72 84	230 70	76 94	238.09	