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Introduction

S1 Opening slide

Background, what are we trying to do, what are others doing

S2 Welding, robots, cobots, efficiencies

S3 Automated weld path generation

S4 Literature

S5 what we are going to add

Method, what are we doing

S6 Overview of Process

S7 Model Preparation

S8 Workspace Sensing

S9 Workpiece Localization,

S10 Path Generation

S11 Implementation with ROS and PCL

Results

S11 Simulation Setup

S12 Simulation Results

S13 Experimental Setup

S14 Experimental Results

Conclusions

S15 Closing Slide