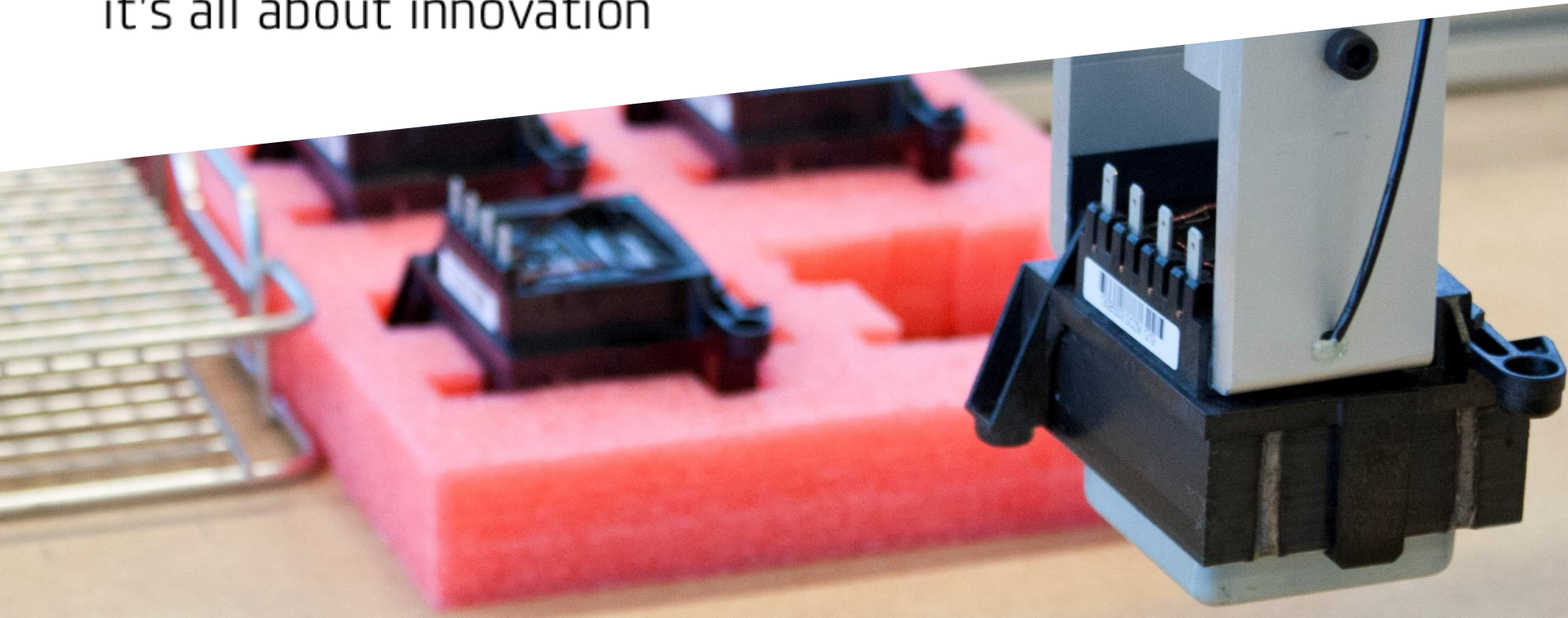




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it's all about innovation





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| Robot | CoWorker

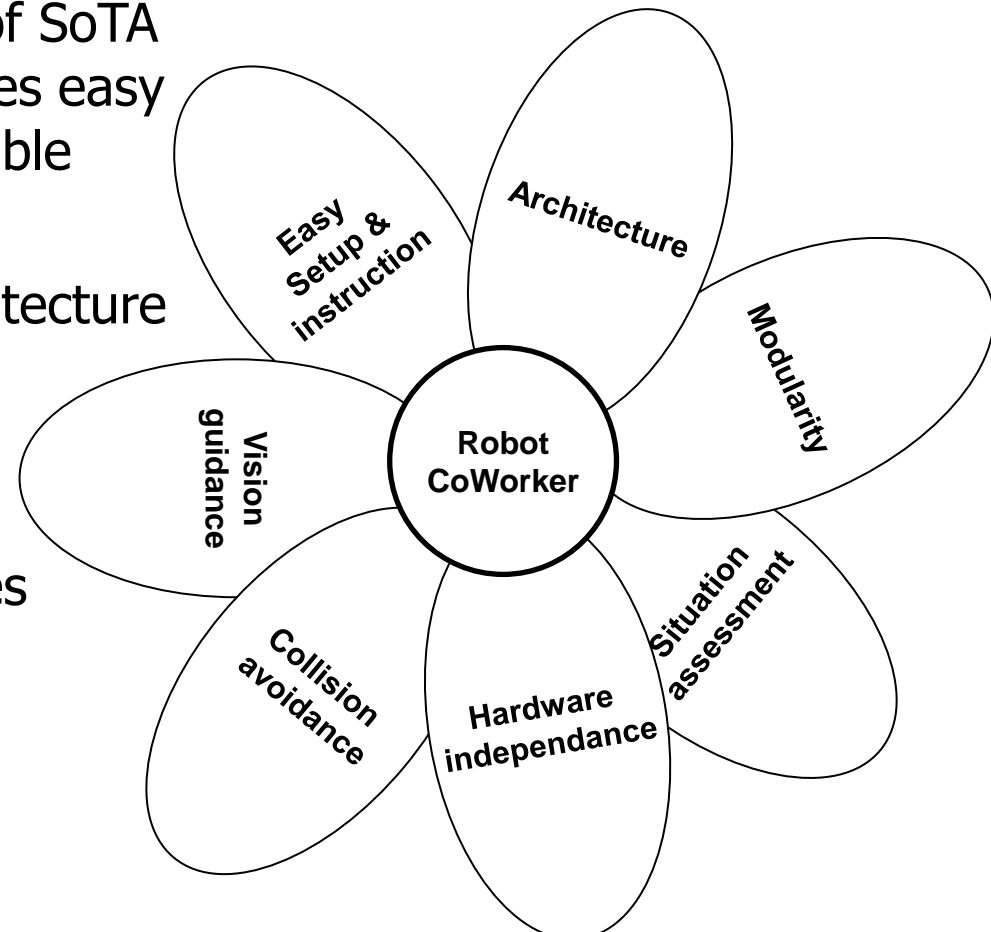
Anders Billesø Beck,
Head of Flexible Industrial Robotics

Robot CoWorker



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- **What is the DTI Robot CoWorker (RCW)?**
- RCW is an integrated solution of SoTA robotics technology which makes easy setup and reconfiguration possible
- RCW is also our reference architecture on how to develop, mature and evaluate robotics software
- Not all solutions needs all leaves of the RCW blossom.





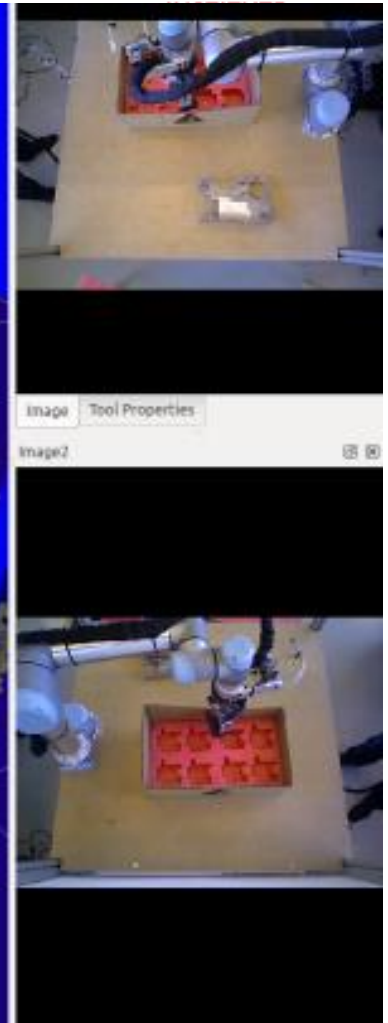
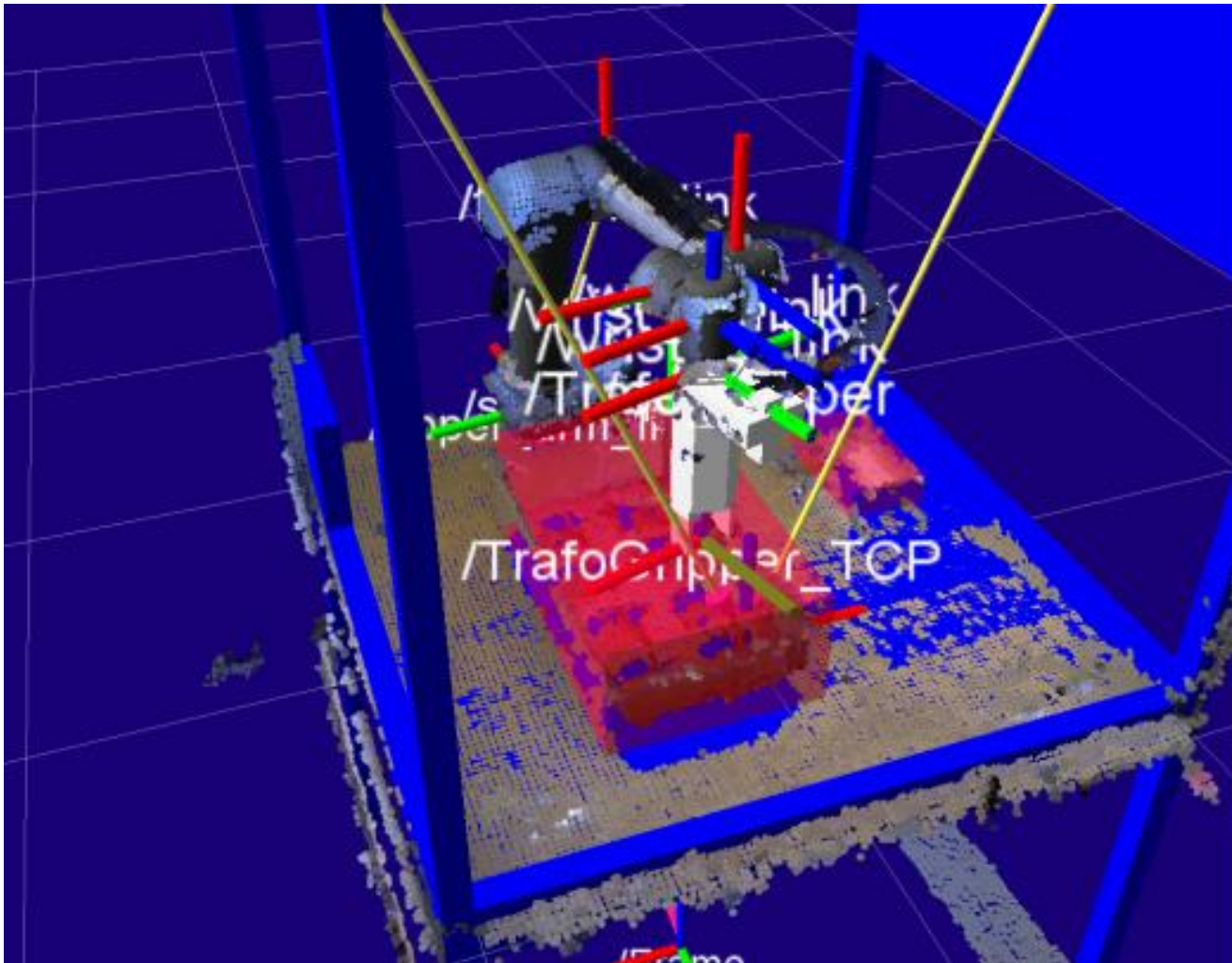
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-

HRI: Actor roles



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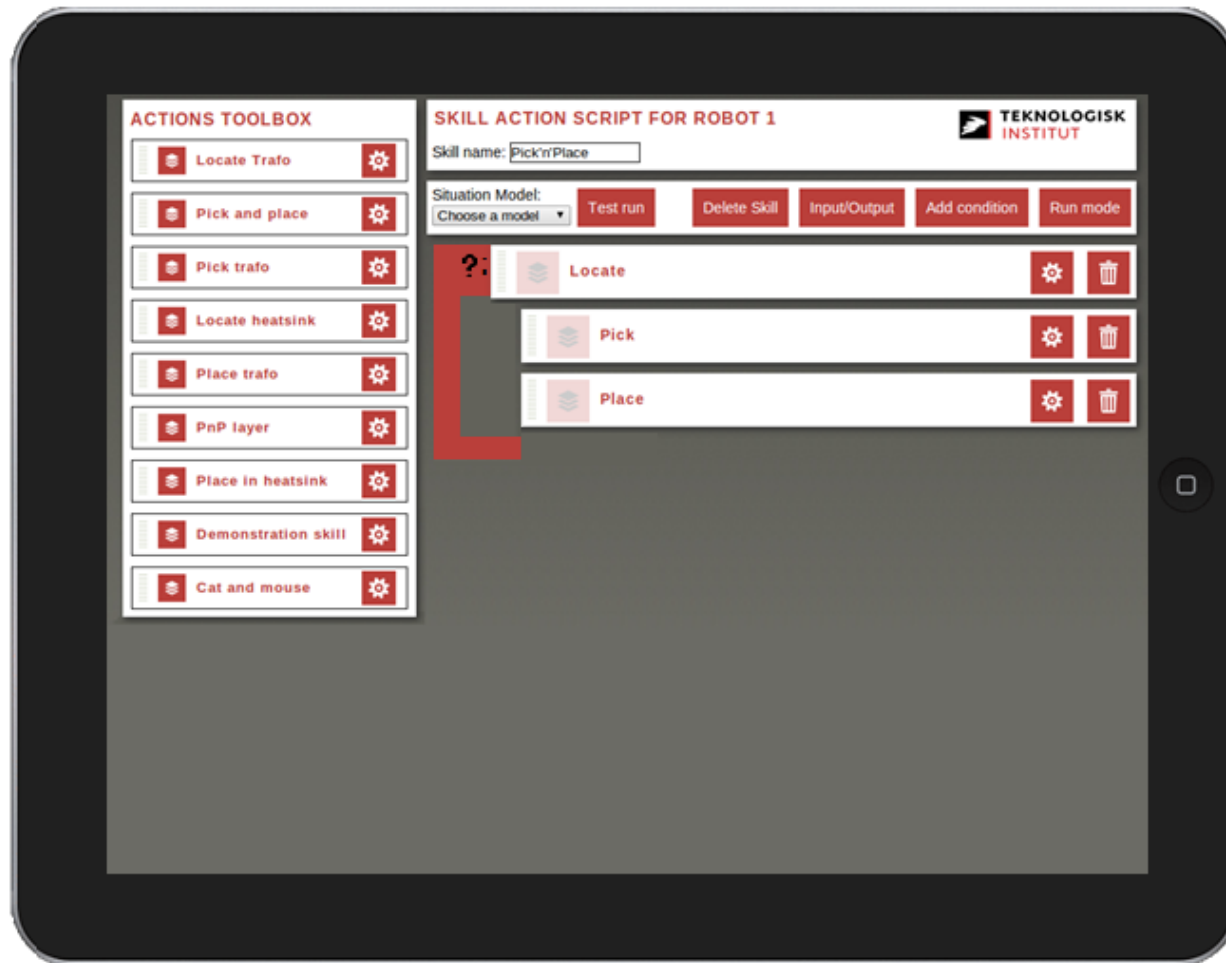


System integrator

HRI: Actor roles



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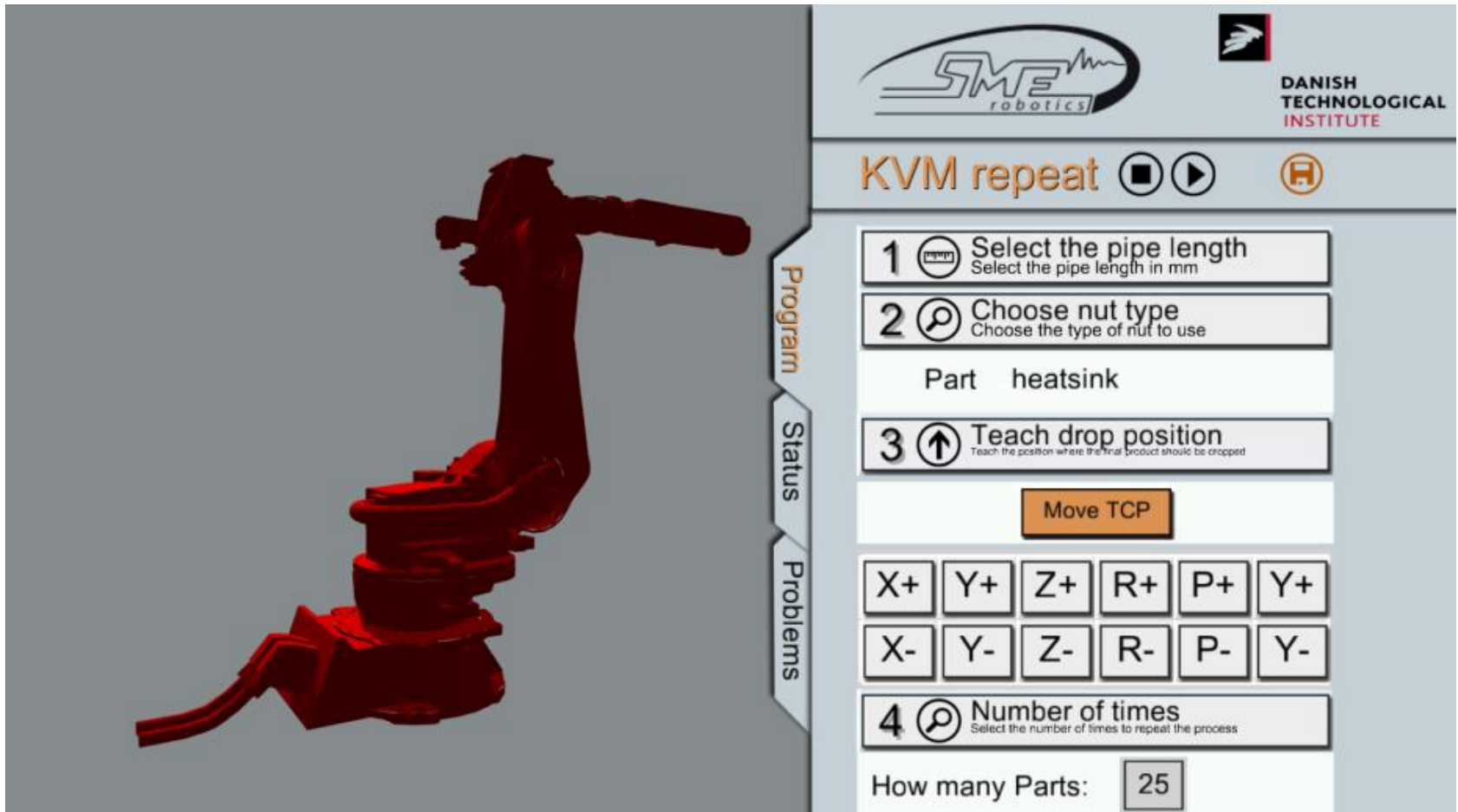


Instructor

HRI: Actor roles



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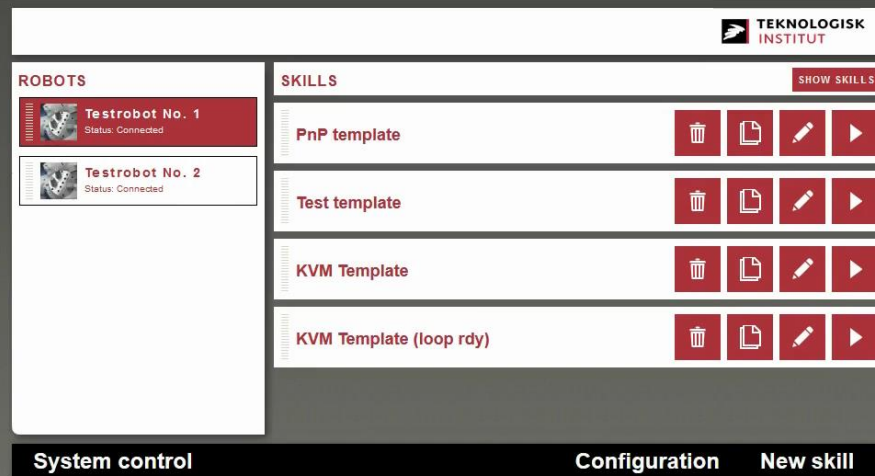


Operator

HRI: Instructor vs Operator



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The SMETrainer GUI: Daily variations

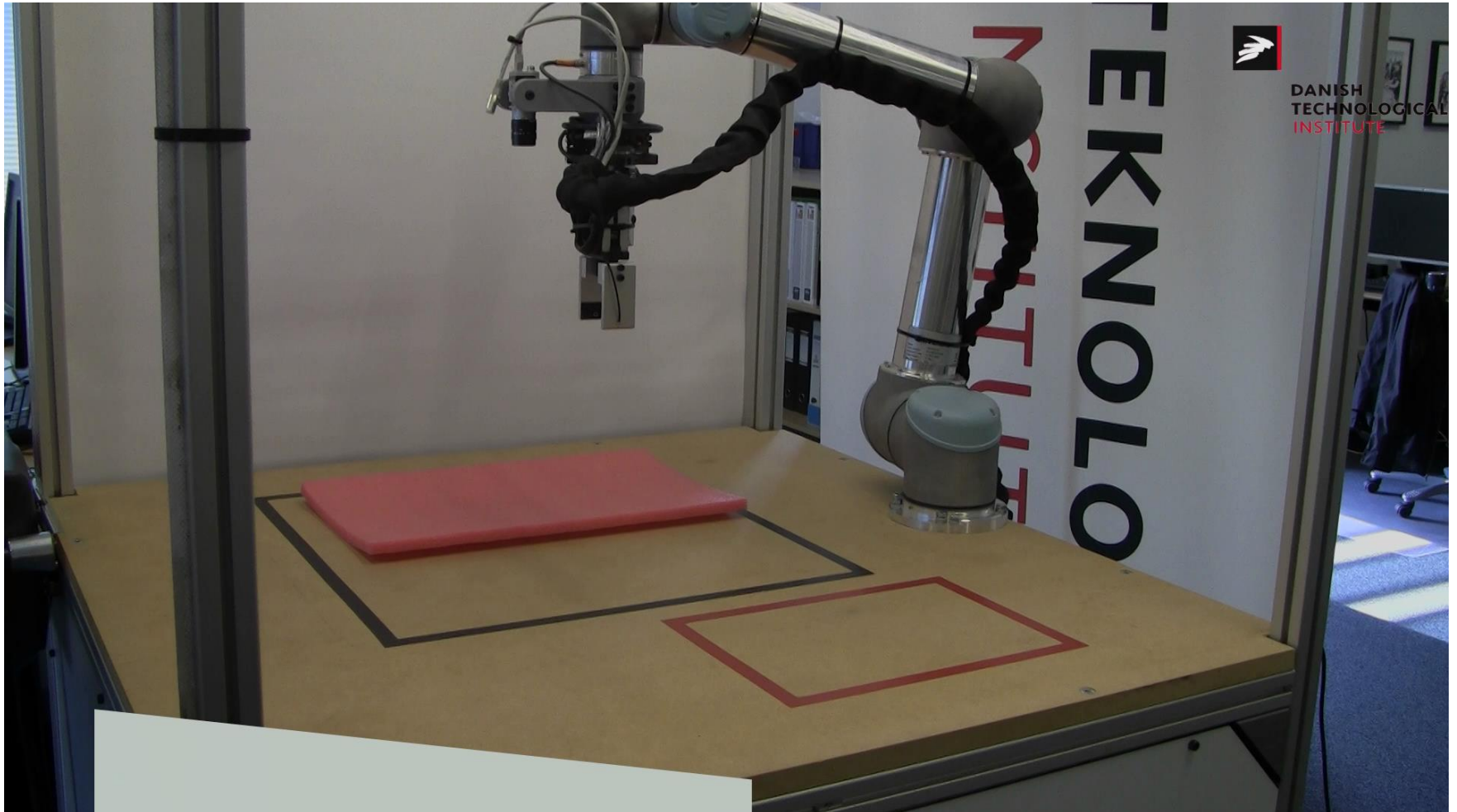
Connect product parameters in skill-based programs to an intuitive Wizard-based GUI

Uncertainty handling

Sensor driven processes



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Situation Assessment

Intelligent error detection



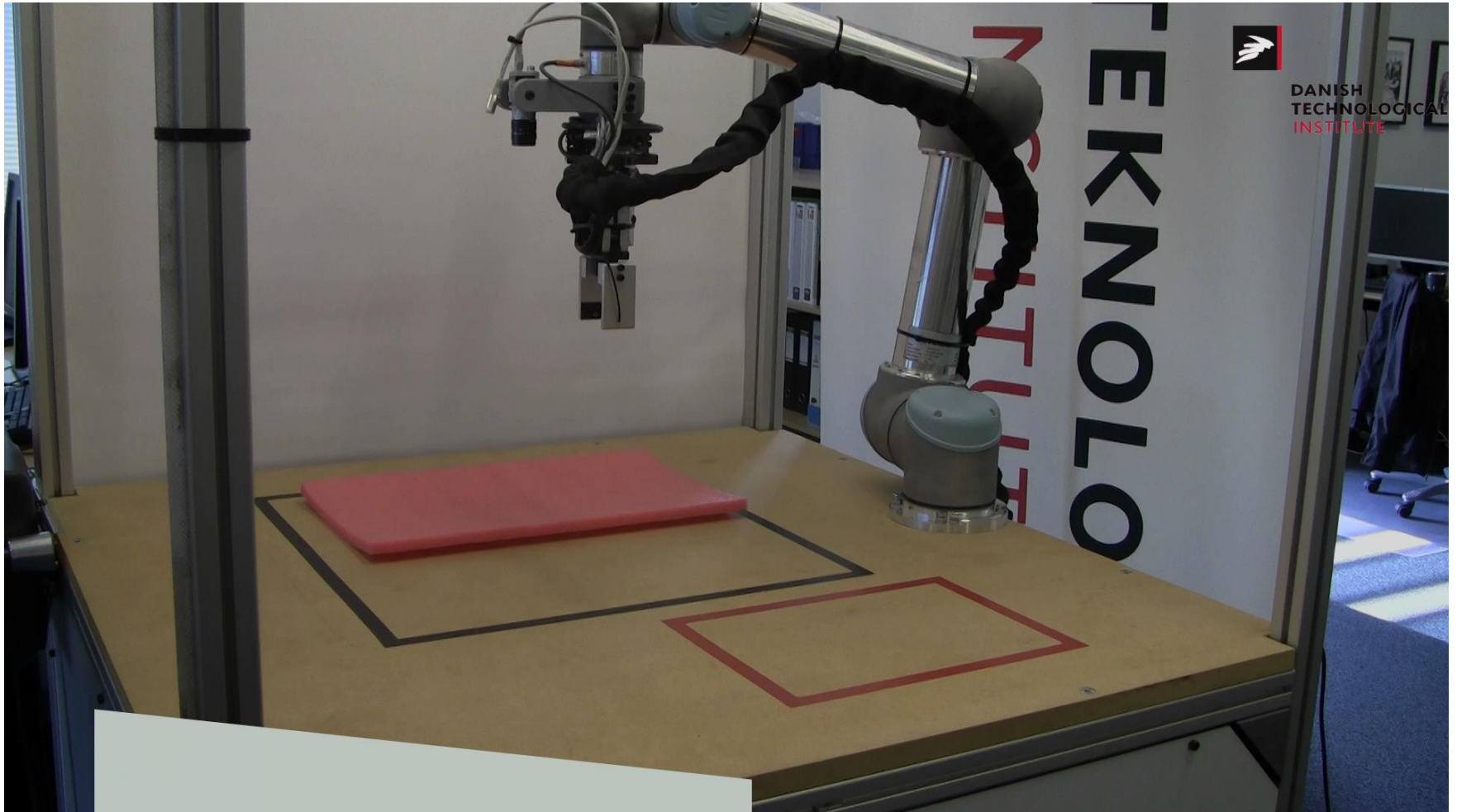
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Collision free air-movements



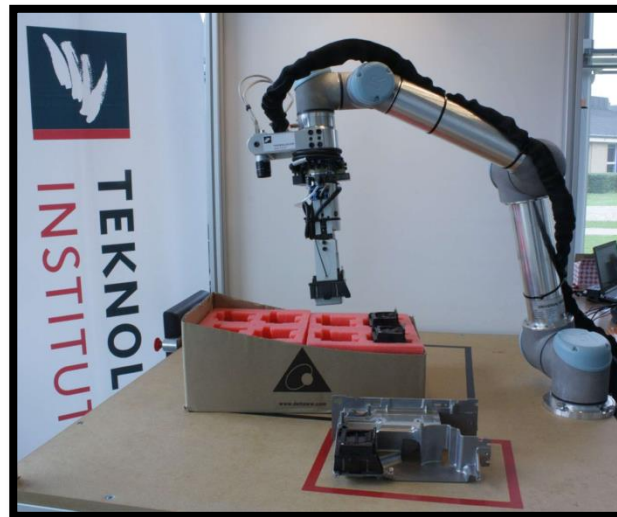
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Hardware independance



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Example Case: Palletizing with Comau SMART5 C5G



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First preview of
RCW Comau Testbed

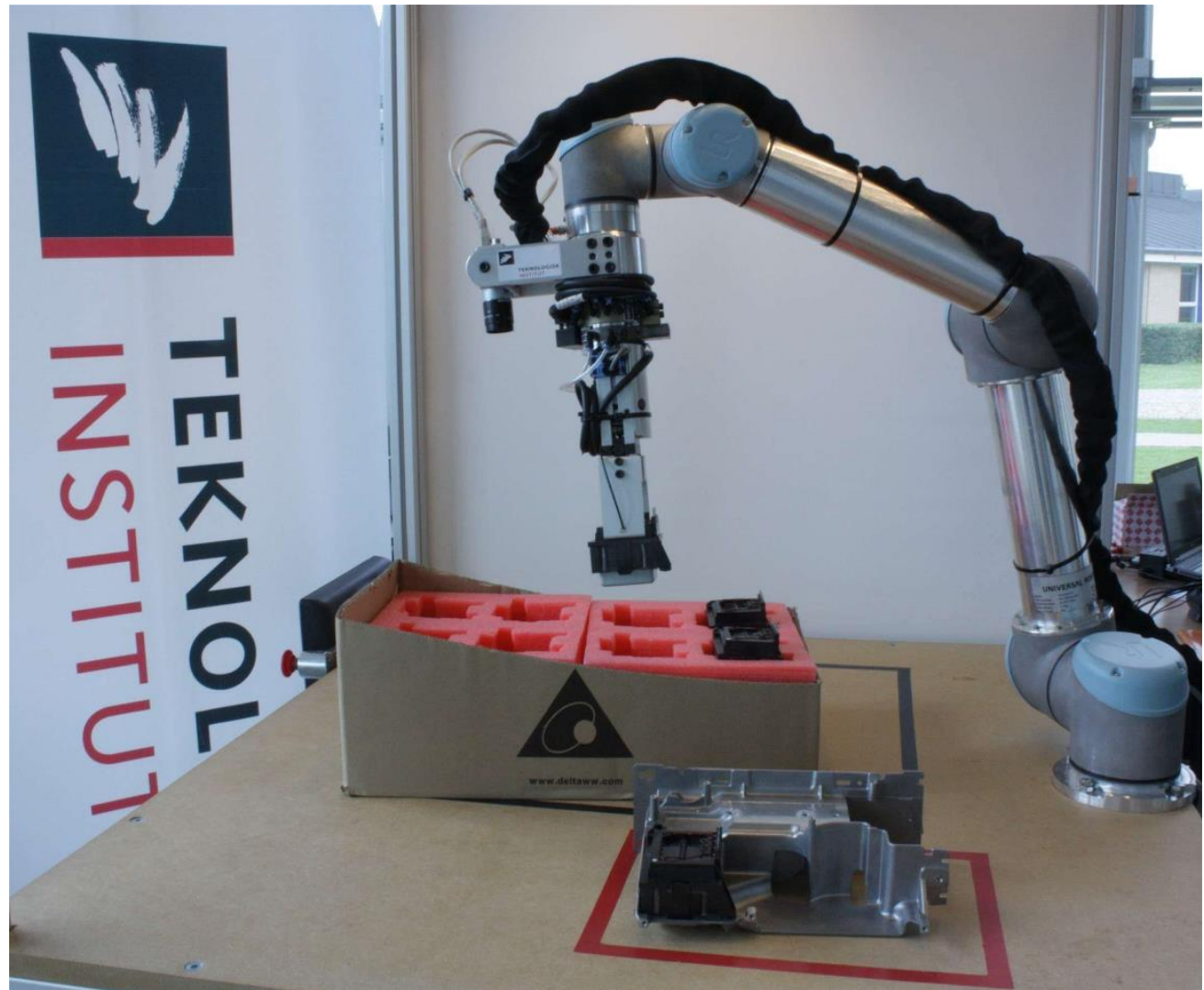
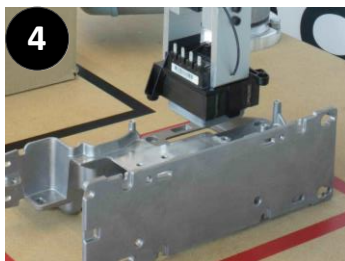
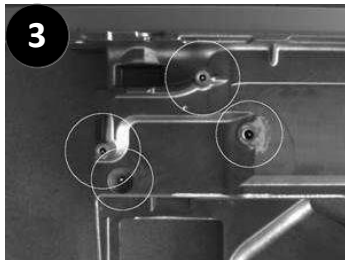
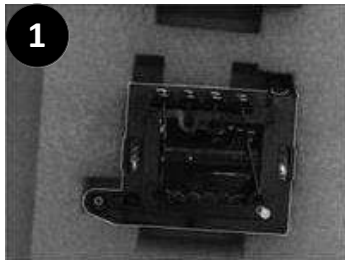


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Case: Light assembly with UR5



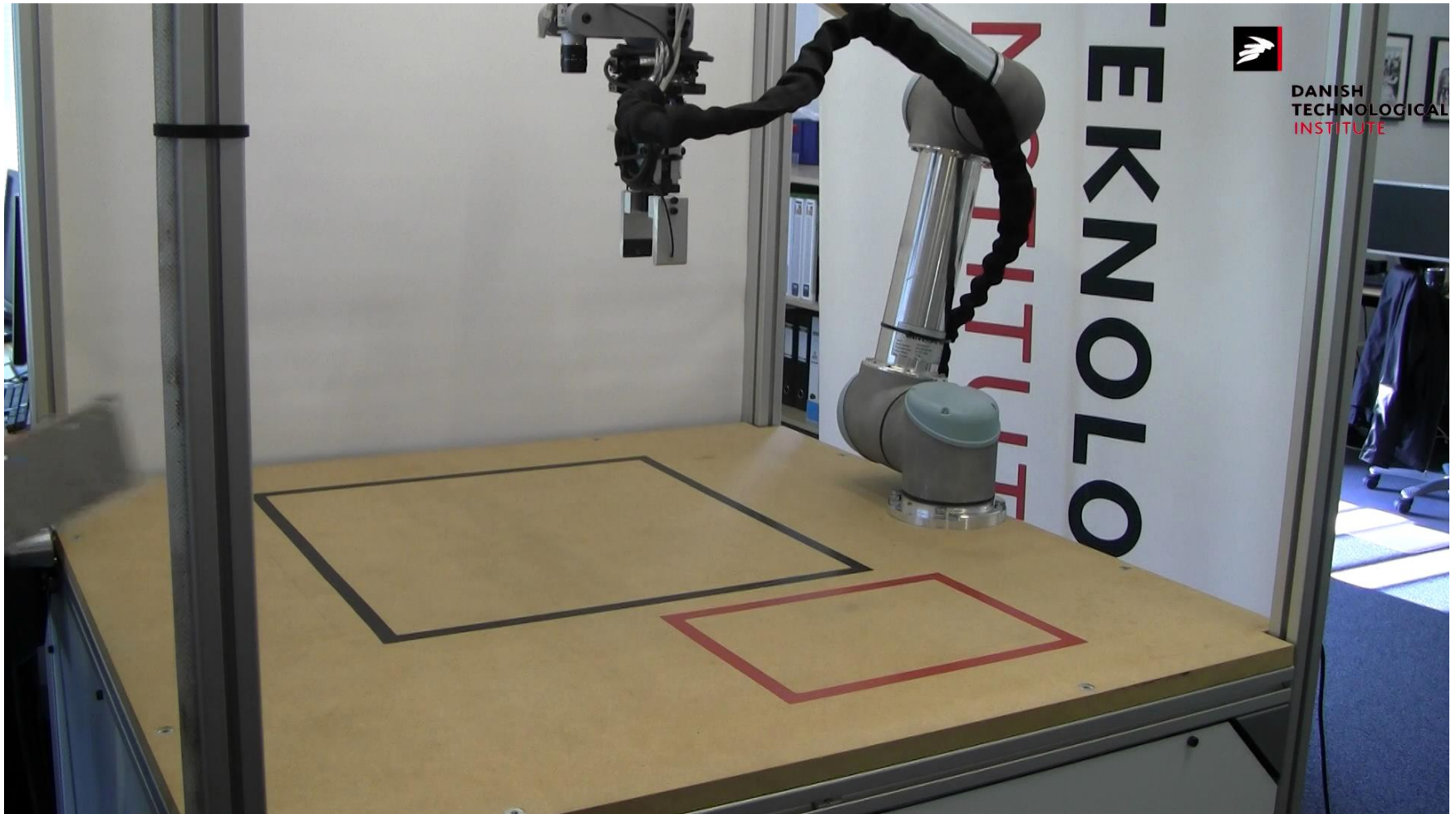
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Case: Light assembly with UR5



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More RCW at Automatica 2014

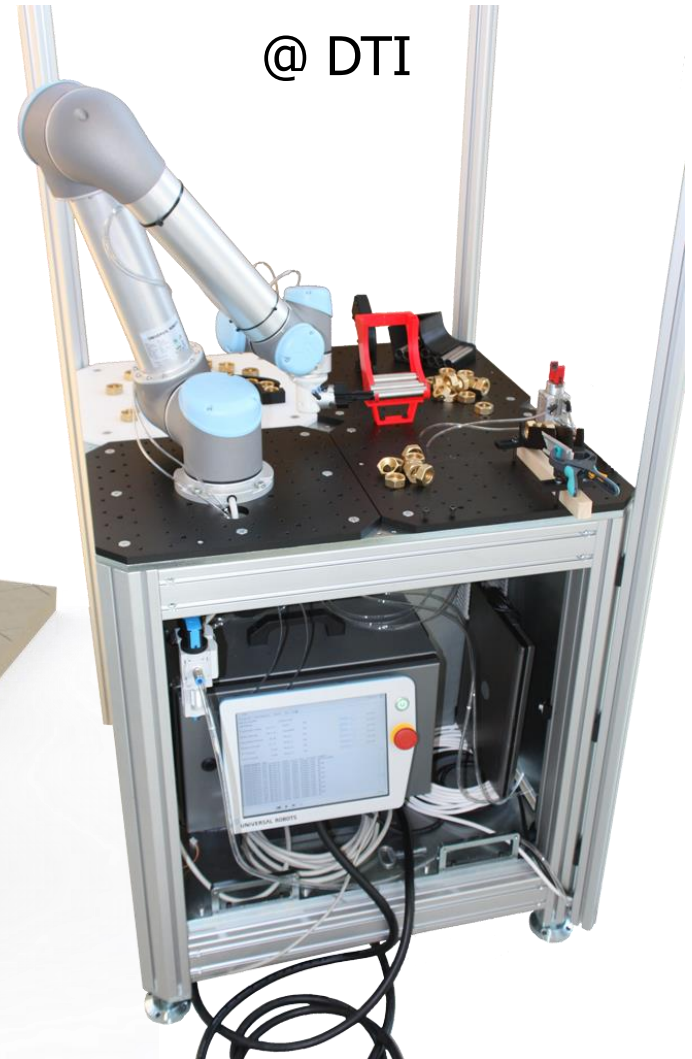


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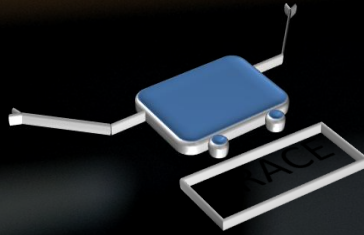
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Thank you!

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