EDINBURGH CENTRE FOR ROBOTICS
Innovation Ready

HERIOT WATT UNIVERSITY

THE UNIVERSITY of EDINBURGH

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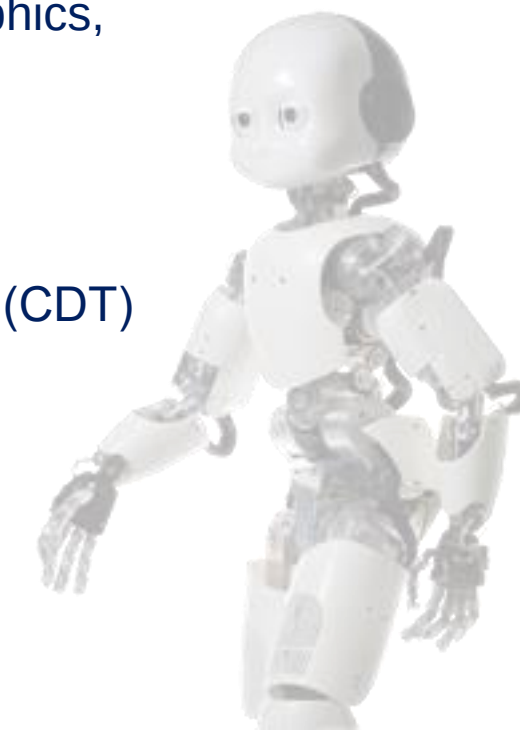
THE UNIVERSITY
of EDINBURGH

The Edinburgh Centre for Robotics

- £120M Joint Venture between University of Edinburgh and Heriot-Watt University
- 30+ PIs and associate PIs across various disciplines from Engineering and Informatics, ML & AI, Microsystems, Neural Computation, NLP, HRI, RRI, Computer Vision & Graphics, Ocean Systems
- Robotarium at UoE, Bayes, and Robotarium at HWU
- Producing ‘Innovation Ready’ postgraduates through our Centre for Doctoral Training (CDT)



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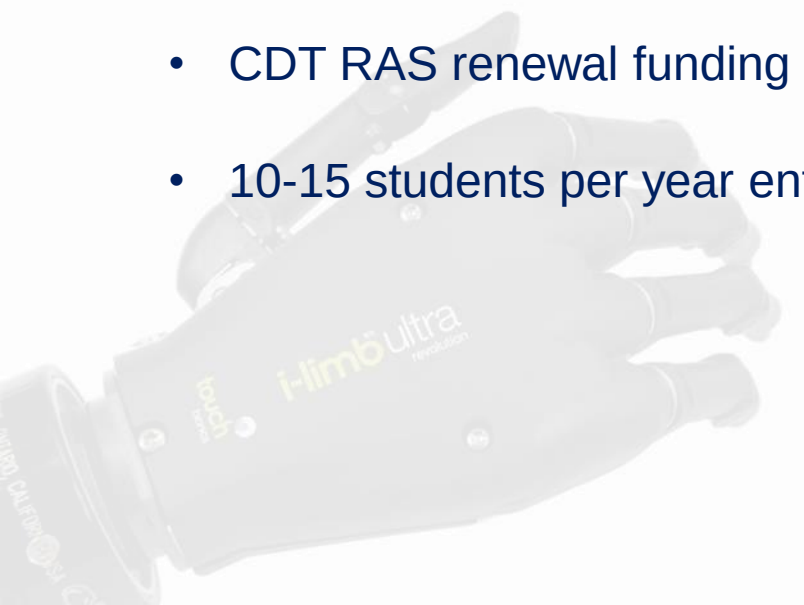
CDT Robotics & Autonomous Systems

- Centre for Doctoral Training – cohort based combined Masters + PhD programme
- 2013 ECR Received government funding for first CDT RAS
- Completely new way of training PhDs, close to industry as they are part industry funded
- CDT RAS renewal funding received, starting Sep 2019
- 10-15 students per year entering the CDT programme



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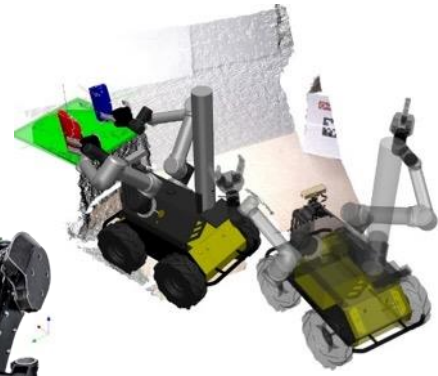

Project 1 – Shared Autonomy for Remote Ops

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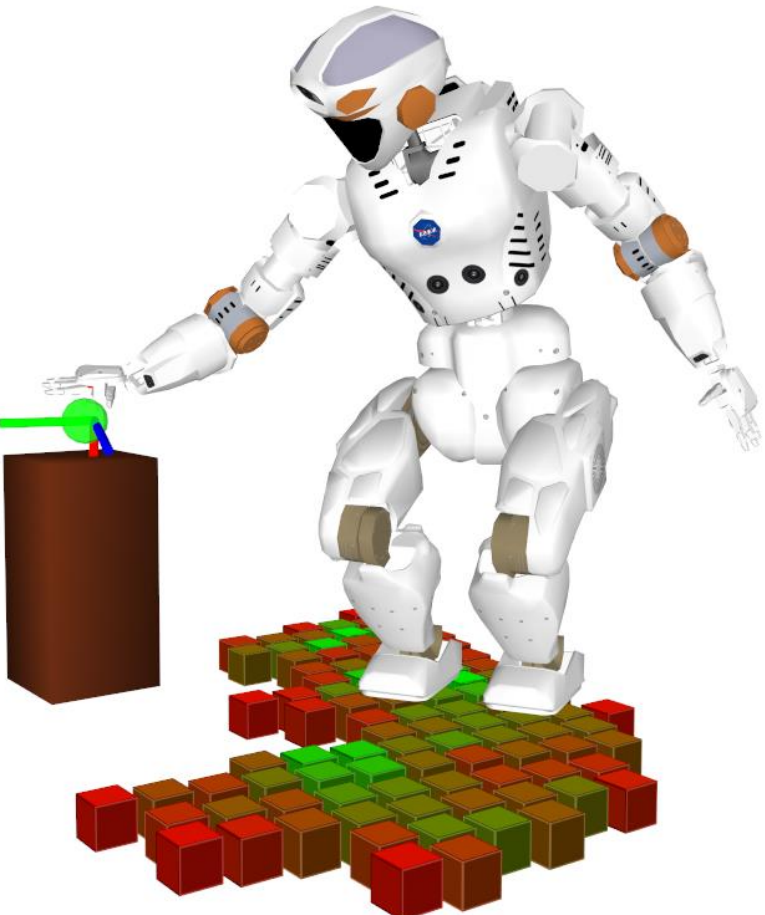
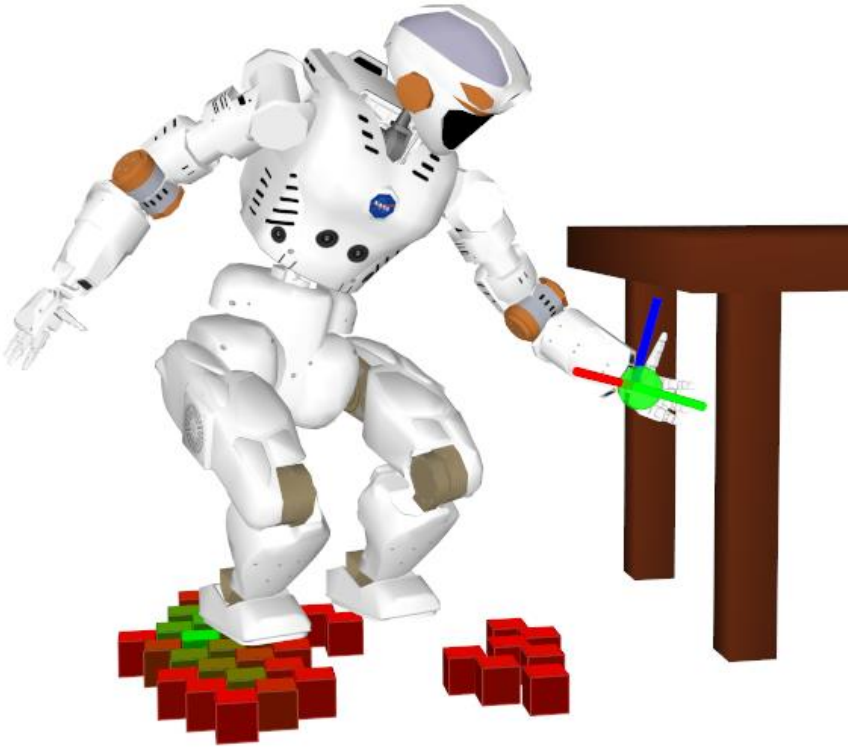
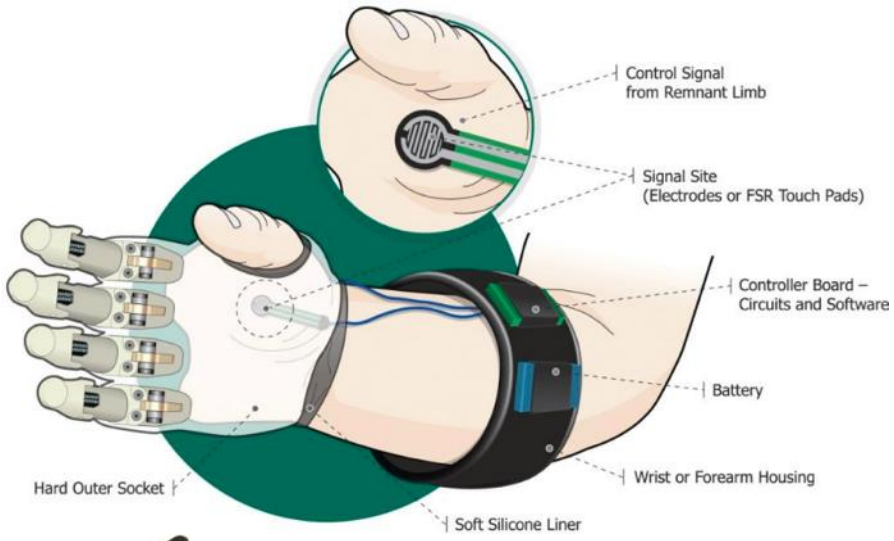
NASA

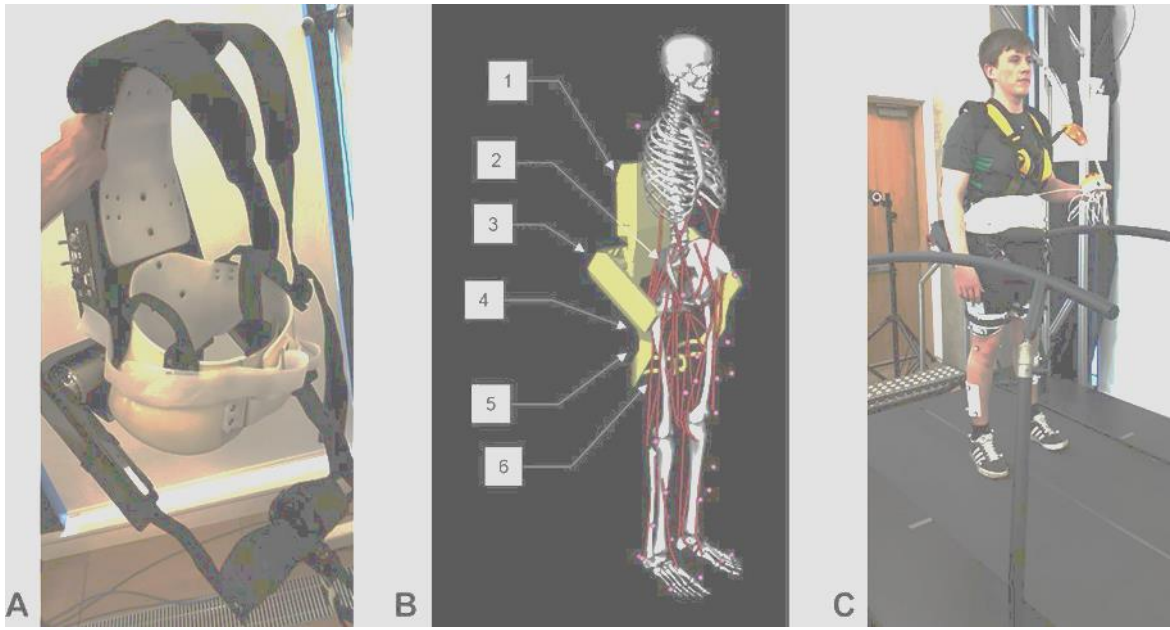
Project 2 – Valkyrie Humanoid





Project 3 – Shared Autonomy in Healthcare





Engaging with the Edinburgh Centre for Robotics

Short term

- mid-high TRL (7+)
- Consultancy projects
- Solve immediate problems
- Operational level

Medium term

- mid TRL (4-6)
- Joint Industry Projects
- collaborative research
- Cutting edge research

Long term

- Low TRL (1-3)
- PhD sponsorship e.g. CDT-RAS
- Blue sky research

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