CDT Student Conference
Wednesday 7th June 2017
Lady Margaret Hall, Oxford

10:00 – 10:05 Welcome – Niki Trigoni – CDT Director (AIMS)

10:05 – 10:50 Keynote Speaker

10:50 – 11:10 Adam Cobb – Understanding the behaviour of agents from their trajectories

11:10 – 11:30 Christian Rauch & Maurice Fallon – Visual articulate tracking for humanoid manipulation

11:30 – 11:50 Break

11:50 – 12:10 Simon Jones – Evolving behaviour trees for swarm robotics

12:10 – 12:30 Leo Berrada, Andrew Zisserman & Pawan Mudigonda – Trusting SVM for piecewise linear CNNs

12:30 – 12:50 Simona Nobili & Maurice Fallon – Laser-based perception for robust localization of dynamic robots

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12:50 – 13:20  Poster talks (2 mins per person)
- Ankush Gupta
- Christian Rauch & Maurice Fallon
- Kirsty Aquilina, David A.W. Barton & Nathan F Lepora
- Boris Mocialov, Patricia Vargas & Graham Turner
- Chongjing Cao & Andrew Conn
- Zeke Steer
- Teun Krikke, Frank Broz & David Lane
- Katie Winkle
- Jose Luis Part & Oliver Lemon
- Cara Wiliamson
- Daniel Gordon, Graham Henderson & Sethu Vijayakumar
- Chanelle Lee, Jonathan Lawry & Alan Winfield
- Marian Andrecki & Nicholas Kenelm Taylor
- Wolfgang Merkt

13:20 – 14:00  Lunch

14:00 – 14:30  Keynote Speaker


14:50 – 15:10  Ivan Kiskin – Mosquito detection with neural networks: The buzz of deep learning

15:10 – 15:40  Break and Poster Session

15:40 – 16:00  Georgi Tinchev & Maurice Fallon – Push-broom LIDAR localisation using distance-invariant features in non-urban environments

16:00 – 16:20  Kiyan Maheri – An adaptive modular recurrent cerebellum-inspired controller

16:20 – 16:40  Rowan Border – Inferring surface geometry from point clouds for next best view (NBV) planning

16:40 – 17:00  Jose Luis Part & Oliver Lemon – A cognitive architecture for teaching robots through situated interactive dialogue and demonstration

17:00 – 17:20  Miguel Lagunes-Fortiz, Walterio Mayol-Cuevas & Dima Damen – Towards in-situ on-line object recognition using CNNs
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<td>17:20 – 17:40</td>
<td><em>Industry Panel Q&amp;A</em></td>
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<td>18:00 – 19:00</td>
<td><em>Drinks &amp; Canapés – Talbot Hall</em></td>
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<td>19:00</td>
<td><em>Student social event</em></td>
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