SICSA Summer School Post-Event Report
Computational Interaction: learning, optimising and modelling for the engineering of interactive systems

Event
The event ran successfully from the 22nd-26th June 2015 at the School of Computing Science, University of Glasgow. There were 26 student attendees from across the world (11 from SICSA institutions and 15 external). The speakers were:

John Williamson  
Per Ola Kristensson  
Miguel Nacenta  
Otmar Hilliges  
Antti Oulasvirta  
Daryl Weir  
Anna Feit  
Bjoern Sand Jensen  
Roderick Murray-Smith

University of Glasgow
University of Cambridge
St Andrews University
ETH Zurich
Aalto University
Aalto University
Denmark’s Technical University
University of Glasgow

Topics covered

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<th>Topic</th>
<th>Day</th>
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<tr>
<td>Machine learning in HCI</td>
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<td>Gaussian processes for offset modelling</td>
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<tr>
<td>Optimisation and modelling in HCI</td>
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<td>Gesture modelling and data analysis</td>
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<td>Random forests, SVMs and computer vision approaches</td>
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<td>Control theory in HCI</td>
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<td>Learning subjective value functions with nonparametric statistics</td>
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SICSA attendees
The following SICSA students attended the summer school:

<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
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<tbody>
<tr>
<td>Michael Mauderer</td>
<td>University of St Andrews</td>
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<tr>
<td>Antoine Loriette</td>
<td>University of Glasgow</td>
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<tr>
<td>Dominik Gotojuch</td>
<td>University of Glasgow</td>
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</tbody>
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Pavlos Andreadis  University of Edinburgh
Saheed Adegbite  GCU
Clara Hollomey  Glasgow Caledonian University
Dari Trendafilov  University of Glasgow
Svetlin Penkov  University of Edinburgh
Alejandro Bordallo  The University of Edinburgh
Emmanuel Kahembwe  Edinburgh University & Heriot-watt University
Faizuddin Mohd Noor  University of Glasgow

External attendees
The following external students attended:

Anna Maria Feit  Aalto University
Christoph Gebhardt  ETH Zuerich, AIT
Daniel Buschek  University of Munich (LMU)
Luke Milburn  Private
Elaine Farrow  University of Edinburgh (STAFF)
Ann Nosseir  British University Egypt
Sven Mayer  University of Stuttgart
Dominik Weber  University of Stuttgart
Jessalyn Alvina  INRIA Saclay, LRI, Université Paris-Sud XI (France)
Andreas Fender  Aarhus University
Chaklam Silpasuwanchai  Kochi University of Technology
Sayan Sarcar  Kochi University of Technology
Tiare Feuchtner  Aarhus University
Henning Pohl  University of Hannover
| Evangelos Niforatos | Università della Svizzera italiana - University of Lugano (USI) |