

# Grant awards



## May

|  | Pi                      | Co -i | School      | Sponsor                                 | Project Name   | Partners                          | Award Date | Start Date | End Date  | Indirect Budget | Direct Budget | Total Award | Institute |
|--|-------------------------|-------|-------------|---|--|-----------------------------------|------------|------------|-----------|-----------------|---------------|-------------|-----------|
|  | Mark Steedman           |       | Informatics | ERC                                     | SEMANTAX   |                                   | 21-Apr-21  | 01-Aug-17  | 31-Jul-22 | £307,198        | £1,228,735    | £1,535,933  | ILCC      |
|  | Kenneth Heathfield      |       | Informatics | Mozilla                                 | Open Data: Mining Translations and Transcriptions from the Web   |                                   | 01-May-17  |            |           | \$0             | \$64,143      | \$64,143    | ILCC      |
|  | Paul Anderson           |       | Informatics | UoE, Institute for Academic Development | PTAS: Helping students to write readable code – a peer approach using ACJ                                |                                   | 04-May-17  | 01-Jun-17  | 30-Apr-18 | £0              | £4,312        | £4,312      | CISA      |
|  | Douglas Armstrong       |       | Informatics | EU                                      | Human Brain Project  | 116 institutions across the world | 04-May-17  | 01-Apr-17  | 31-Mar-18 | € 24,208        | € 96,832      | € 121,040   | ANC       |
|  | Guido Sanguinetti       |       | Informatics | Wellcome Trust/UoE ISSF3                | Unravelling the interplay between chromatin and RNA processing from high throughput data sets            |                                   | 09-May-17  | 01-Oct-17  | 30-Sep-18 | £0              | £41,431       | £41,431     | ANC       |
|  | Subramanian Ramamoorthy |       | Informatics | Xerox Corporation                       | Use of physics-based neural network models to accelerate policy learning for robotic automation programs |                                   | 26-Apr-17  | 01-May-17  | 30-Apr-18 | £0              | \$30,000      | \$30,000    | IPAB      |
|  | Nigel Topham            |       | Informatics | Keysight Technologies                   | Scalability of Parallel DSP Architectures for 5G Baseband Systems  |                                   | 20-Apr-17  | 01-Sep-17  | 31-Aug-20 |                 | \$34,234      | \$34,234    | ICSA      |

## April

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|--|--------------|----------------|-------------|-------|------------|------------------------|-----------|-----------|-----------|----------|----------|------------|------|
|  | Steve Renals | Korin Richmond | Informatics | EPSRC | Ultrax2020 | University Strathclyde | 30-Mar-17 | 01-Aug-17 | 31-Jul-20 | £416,231 | £789,617 | £1,205,848 | ILCC |
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|  | Kami Vaniea     |  | Informatics | Google     | Empowering users to manage automatic updates on Android                            |  | 17-Feb-17 |           |           | £0       | \$51,851 | \$51,851 | ILCC |
|  | Mark Steedman   |  | Informatics | Bloomberg  | Learning Hidden Semantics by Machine Reading using Entailment Graphs               |  | 05-Apr-17 |           |           | £0       | \$55,384 | \$55,384 | ILCC |
|  | Frank Keller    |  | Informatics | Leverhulme | Eyetracking for Knowledge Acquisition in Language and vision                       |  | 11-Apr-17 | 01-Jul-17 | 30-Jun-18 | £0       | £33,020  | £33,020  | ILCC |
|  | Vijay Nagarajan |  | Informatics | SICSA      | Distinguished Visiting Fellow - Prof. Daniel J. Sorin                              |  | 07-Apr-17 | 01-Jul-17 | 30-Sep-17 | £0       | £6,080   | £6,080   | ICSA |
|  | Murray Cole     | Mike O'Boyle, Bjoern Franke  | Informatics | EPSRC      | Pattern Discovery and Program Shaping for Heterogeneous Manycore Systems           | St. Andrews University (lead), Heriot-Watt University (UoE subawardee) | 23-Mar-17 | 01-Jul-17 | 30-Jun-20 | £135,111 | £276,696 | £422,706 | ICSA |
|  | David Aspinall  | Aggelos Kiayias, Andrew Gordon, Elham Kashefi, Kami Vaniea, Myrto Arapinis | Informatics | EPSRC      | Academic Centre of Excellence in Cyber Security Research - University of Edinburgh |  | 21-Mar-17 | 01-Jul-17 | 30-Jun-22 | £9,624   | £92,520  | £102,144 | LFCS |

### March

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|--|------------------|-----------------------------|-------------|---------------------------|----------------------------|--|-----------|-----------|-----------|---------|---------|---------|------|
|  | Lexi Birch Mayne | Barry Haddow, Rico Sennrich | Informatics | Samsung                   | Machine Translation System |  | 08-Mar-17 | 01-Mar-17 | 30-Sep-17 | £27,507 | £32,892 | £60,399 | ILCC |
|  | Claire Grover    |                             | Informatics | National Records Scotland | NLP for NRS data           |  | 14-Feb-17 | 01-Jan-17 | 31-Mar-17 | £18,176 | £18,710 | £36,886 | ILCC |

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|  | Steve Renals               |  | Informatics | Data Lab          | Robust Broadcast<br>Speech Recognition:<br>Studentship Agreement   |   | 20-Feb-17 | 01-Sep-16 | 29-Feb-20 | £0       | £45,000  | £45,000  | ILCC |
|  | Steve Renals               |  | Informatics | Ericsson          | Robust Broadcast<br>Speech Recognition:<br>Studentship Agreement   |   | 20-Feb-17 | 01-Sep-16 | 29-Feb-20 | £0       | £52,000  | £52,000  | ILCC |
|  | Subramanian<br>Ramamoorthy |  | Informatics | DARPA             | COGLE - Common<br>Ground Learning and<br>Explanation   | Xerox PARC (lead), Carnegie<br>Mellon University, University of<br>Michigan | 11-Jan-17 | 01-May-17 | 30-Apr-21 | £158,646 | £250,783 | £409,429 | IPAB |
|  | Kartic Subr                |  | Informatics | The Royal Society | CAT-SPATS:<br>Crossmodal Analysis and<br>Tracking of Spatio-<br>temporal Statistics of<br>Targeted Species |   | 08-Mar-17 | 30-Mar-17 | 29-Mar-18 | £37,204  | £74,469  | £111,673 | IPAB |

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|--|----------------------|--|-------------|--------|--|---|-----------|-----------|-----------|---------|----------|----------|------|
|  | Mike O'Boyle         |  | Informatics | EU     | TETRAMAX-TEchnology<br>TRANSfer via<br>Multinational Application<br>eXperiments                                | RWTH Aachen (lead), AMG<br>Technology OOD, Bulgaria,<br>Ruhr-Universitaet Bochum,<br>Germany, Budapesti Muszaki Es<br>Gazdasagtudomanyi Egyetem,<br>Hungary, Universitat Politecnica<br>De Catalunya, Spain, Control<br>Data Systems SRL, Romania,<br>Chalmers Tekniska Hoegskola<br>AB, Sweden, Technische<br>Universiteit Delft, Netherlands,<br>UKFundingbox Accelerator SP<br>ZOO, Poland, Universiteit Gent,<br>Belgium, Institut National De<br>Recherche En informatique Et<br>Automatique, France, Vysoka<br>Skola Banska - Technicka<br>Univerzita Ostrava, Czech<br>Republic, Institut Jozef Stefan,<br>Slovenia, Techmo SP ZOO,<br>Poland, Universita Di Pisa, Italy,<br>Tallinna Tehnikaulikool, Estonia,<br>Tty-Saatio, Finland, Think<br>Silicon Ereyra Kai Technologia<br>Anonymi Etairia, Greece,<br>Technische Universitaet<br>Muenchen, Germany,<br>Sveuciliste U Zagrebu Fakultet<br>Elektrotehnik I Racunarstva,<br>Croatia, Zenit Zentrum Fur<br>Innovation Und Technik In<br>Nordrhein-Westfalen GMBH,<br>Germany | 17-Mar-17 | 01-May-17 | 30-Apr-20 | £30,108 | £120,433 | £150,541 | ICSA |
|  | Christophe<br>Dubach |  | Informatics | Google | High Performance Code<br>Generation of<br>MachineLearning<br>Algorithms for Parallel<br>Accelerators with LIFT |   | 13-Feb-17 | 07-Mar-17 | N/A       | \$0     | \$56,000 | \$56,000 | ICSA |

|  |                 |  |             |                                    |  |  |           |           |           |          |          |          |      |
|--|-----------------|--|-------------|------------------------------------|--|--|-----------|-----------|-----------|----------|----------|----------|------|
|  | Boris Grot      |  | Informatics | Royal Academy of Engineering       | Computer Processors for Robotics Applications                                    |  | 22-Feb-17 | 01-Oct-17 | 01-Nov-17 | £0       | £4,887   | £4,887   | ICSA |
|  | Nigel Topham    |  | Informatics | Synopsys                           | Dynamic Binary Translation in the Context of Concurrent Multi-Core OS Simulation |  | 16-Feb-17 | 01-Sep-17 | 31-Aug-21 | £0       | £85,231  | £85,231  | ICSA |
|  | Aggelos Kiayias |  | Informatics | Input Output Hongkong and UoE      | TBC  |  | 08-Mar-17 | 01-Feb-17 | 31-Jan-21 | £290,826 | £570,536 | £861,362 | LFCS |
|  | Leonid Libkin   |  | Informatics | Network Engine for Objects in Lund | Research on Formal Underpinnings for the Cypher Query Language                   |  | 02-Mar-17 | 01-Feb-17 | 31-Aug-17 | £28,275  | £25,443  | £53,718  | LFCS |

**February**

|  |                   |                |             |                         |  |  |           |           |           |          |            |                   |  |
|--|-------------------|----------------|-------------|-------------------------|--|--|-----------|-----------|-----------|----------|------------|-------------------|--|
|  | Chris Williams    |                | Informatics | Wellcome Trust          | Clinical Validation of Optical Molecular Alveoscopy for the Immediate Bed-Side Diagnosis of Pneumonia in the Intensive Care Unit | PI on the award is Kevin Dhaliwal, Center for Inflammation Research. Total award is £2,191,846 of DI costs at 100% | 26-Jan-17 | 01-Sep-17 | 31-Aug-21 | N/A      | £111,974   | <b>£111,974</b>   | ANC  |
|  | Wenfei Fan        |                | Informatics | Huawei Technologies Co. | Distributed Data Management and Processing Laboratory  |  | 01-Jan-17 | 01-Apr-17 | 31-Mar-20 | £300,000 | £1,500,000 | <b>£1,800,000</b> | LFCS/<br>awards to be made to other institutes in due course |
|  | Sethu Vijayakumar | Maurice Fallon | Informatics | EIT Digital             | iLEVATOR   | Fiat (CRF), Fondazione Bruno Kessler (FBK), Fraunhofer-IML, Santer Reply, Fortiss GmbH, DFKI, COMAU, FCA           | 20-Dec-16 | 01-Jan-17 | 31-Dec-17 | £31,538  | £126,154   | <b>£157,692</b>   | IPAB   |

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|--|---|--|-------------|---------------------|---|---------------------------------------|-----------|-----------|-----------|----|----------|-----------------|------|
|  | Sethu Vijayakumar                             |  | Informatics | Hitachi             | Implementation and evaluation work of control and planning algorithms for manipulation robot ("Research") |                                       | 07-Dec-16 | 07-Dec-16 | 31-Mar-17 | £0 | £119,040 | <b>£119,040</b> | IPAB |
|  | Sethu Vijayakumar                             |  | Informatics | UKIERI              | Learning Robotic Motor Skills, Visual Control and Perception for Warehouse Automation                     | Indian Institute of Technology Kanpur | 30-Jan-17 | 01-Apr-17 | 31-Mar-20 | £0 | £119,994 | <b>£119,995</b> | IPAB |
|  | Colin Adams/New Director of commercialisation |  | Informatics | Scottish Enterprise | EIE China   | Asia Scotland Ltd, We Are the Future  | Jul-16    | Jul-16    | Dec-17    | £0 | £82,000  | <b>£82,000</b>  | COM  |