

Andrew Cropper

a.cropper13@imperial.ac.uk

Department of Computing,
Imperial College London,
180 Queen's Gate,
London, SW7 2AZ

Education

PhD Computer Science , Imperial College London Supervisor: Professor Stephen Muggleton Thesis: Meta-interpretive learning efficient logic programs	10/2013 -
MSc Computer Science , University of Oxford Supervisor: Dr Brian Harrington	2011
BSc Computer Science , Nottingham Trent University Supervisor: Dr Caroline Langensiepen	2009

Experience

Research Intern , National Institute of Informatics, Tokyo Supervisor: Professor Katsumi Inoue	10/2014 - 12/2014
Research Assistant , University of Cambridge Supervisor: Dr Eiko Yonkei	7/2013 - 10/2013
Research Engineer , MFG Labs, Paris, France	1/2012 - 7/2013
Software Engineer , Esendex, Nottingham	1/2010 - 10/2010
Software Engineer , Counter Solutions, Derby	6/2007 - 10/2008

Publications

Refereed conferences papers

1. **Andrew Cropper** and Stephen Muggleton. Logical minimisation of metarules in meta-interpretive learning. In *Proceedings of the 24th International Conference on Inductive Logic Programming (ILP 2014)*. To appear.

Refereed workshop papers

1. **Andrew Cropper**. Identifying and inferring objects from textual descriptions of scenes from books. In *2014 Imperial College Computing Student Workshop*, vol. 43, pp. 19-26. Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2014.

Refereed short papers

1. **Andrew Cropper** and Stephen Muggleton. Can predicate invention in meta-interpretive learning compensate for incomplete background knowledge? *24th International Conference on Inductive Logic Programming, 2014*. Invited as a long paper.

Awards and grants

- | | |
|--|-------------------|
| • <i>Machine Learning Journal</i> best student paper | ILP2014 |
| • National Institute of Informatics international internship program | 10/2014 - 12/2014 |
| • Full BBSRC PhD case studentship (all fees and standard bursary) | 10/2013 - 10/2016 |
| • Syngenta fellowship | 10/2013 - 10/2016 |

Reviewing

Workshops

- 2014 Imperial College Computing Student Workshop

Talks

- *Predicate invention in meta-interpretive learning*, Meeting on Abductive and Inductive Reasoning, Wakayama University, Japan, 2014.

Languages

- English: native
- French: basic