

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 10/2013 -
Supervisor: Professor Stephen Muggleton
Thesis: Meta-interpretive learning efficient logic programs
- MSc Computer Science**, University of Oxford 10/2010 - 10/2011
Supervisor: Dr Brian Harrington
- BSc Computer Science**, Nottingham Trent University 10/2005 - 7/2009
Supervisor: Dr Caroline Langensiepen

Experience

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

Publications

Refereed conferences papers

- **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. *Machine Learning Journal* **best student paper**.

Refereed workshop papers

- **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

- **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

- *Machine Learning Journal* 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