

Dr. Adrian K. Clear PhD, BSc

CONTACT INFORMATION Department of Computer and Information Science T: 0191 227 4032
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EDUCATION **UCD Dublin**, Dublin, Ireland
2005 - 2009 PhD, Computer Science

- Thesis titled, *Engineering pervasive systems using interactive visualisation*
- Supervisor: Prof. Simon Dobson
- Research scope involved tool support for context-aware application development

PROFESSIONAL EXPERIENCE **Vice Chancellor's Senior Research Fellow in Digital Living**
Northumbria University, Newcastle upon Tyne UK (**October 2016 – present**)
Postdoctoral researcher
Newcastle University, Newcastle upon Tyne UK (**March 2015 – October 2016**)

- Senior Research Associate on *Pervasive Sensing for Collaborative Facilities Management (EP/L024489/1)*
- Principle Investigator on *Mint Cake: Community and Knowledge Engagement in Air Quality Monitoring*
- Co-Investigator on *Improving wellbeing in the workplace: bringing the outdoors indoors*
- Co-Investigator on *Moral self-regulation and sustainable consumption*

Lancaster University, Lancaster UK (**January 2011 – February 2015**)

- Senior Research Associate on *Encouraging Low Carbon Food Shopping with Ubicomp Interventions (EP/K012738/1)*
- Senior Research Associate on *Supporting Sustainable Transport Infrastructure Maintenance (EP/K012614/1)*
- Senior Research Associate on *TEDDI: Informing energy choices using ubiquitous sensing (EP/I00033X/1)*
- Senior Research Associate on *Sustainable Carbon Counters (ES/J009989/1)*

Orange Labs, Meylan FR (**December 2009 – December 2010**)

- Postdoc on *ReactivHome*, conducting research concerned with sensor data fusion for M2M systems.

GRANT PORTFOLIO *Successful:*

- Smart Connected Buildings: Model based performance monitoring and feedback loops: *120k Innovate UK Emerging and Enabling Technologies – Principal Investigator*
- Moral self-regulation and sustainable consumption: *10k Newcastle University Institute for Sustainability grant – Co-Investigator*
- Mint Cake: Community and Knowledge Engagement in Air Quality Monitoring: *7k Newcastle University Science Central grant – Principle Investigator*
- Improving wellbeing in the workplace: bringing the outdoors indoors: *13k Newcastle University Science Central grant – Co-Investigator*

- Encouraging Low Carbon Food Shopping with Ubicomp Interventions (EP/K012738/1): *215k Research in the Wild grant – Research Co-Investigator*
- Sustainable Carbon Counters (ES/J009989/1): *50k grant focusing on Sustainable software – named researcher*

ACADEMIC
COMMUNITY
SERVICE

Organisation

2016 CHI Sustainability workshop Design patterns, principles, and strategies for Sustainable HCI (*Accepted to CHI 2016*)

- Led workshop proposal: Co-organisers: Bran Knowles, Sam Mann, Eli Blevis, and Maria Hakansson.

2015 British HCI Sustainable HCI community workshop: Sustainable HCI in the UK (*Held at British HCI 2015*)

- Led workshop proposal: Co-organisers: Rob Comber, Sam Finnigan, Adrian Friday, Derek Foster, and Chris Preist.

Recent Program Committee memberships

CSCW '18: The ACM Conference on Computer-Supported Cooperative Work and Social Computing

DIS '17: The ACM SIGCHI Conference on Designing Interactive Systems

CHI '17: The ACM SIGCHI Conference on Human Factors in Computing Systems

DIS '16: The ACM SIGCHI Conference on Designing Interactive Systems

CHI '16 Late Breaking Work: The ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work

British HCI 2015: The 29th British Human Computer Interaction Conference (HCI 2015)

SELECTED
PUBLICATIONS

Adrian K. Clear, Sam Finnigan, Patrick Olivier, and Rob Comber. “Id want to burn the data or at least nobble the numbers”: Towards data-mediated building management for comfort and energy use. Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '17), Pages 2448-2461, 2017.

Adrian K. Clear, Sam Finnigan, and Rob Comber. Why 'automate' shouldnt mean 'regulate' for thermal comfort in non-domestic buildings. DEMAND Conference 2016. Lancaster, UK.

Adrian K. Clear, Adrian Friday, Mike Hazas, andCarolynne Lord. Catch my drift? Achieving comfort more sustainably in conventionally heated buildings. Proceedings of Designing Interactive Systems conference 2014 (DIS 2014). Vancouver, CA.

Adrian K. Clear, Janine Morley, Mike Hazas, Adrian Friday, and Oliver Bates. Understanding Adaptive Thermal Comfort: New directions for UbiComp. Proceedings of 2013 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2013). Zurich, CH. Acceptance rate: 18%.

Oliver Bates, Adrian K. Clear, Adrian Friday, Mike Hazas and Janine Morley. Accounting for Energy-Reliant Services within Everyday Life at Home. In proceedings of the 10th International Conference on Pervasive Computing (Pervasive 2012). Newcastle, UK. June, 2012. **Awarded 1st prize for Computational Sustainability.** Acceptance rate: 20%.