Natalia Criado

Curriculum Vitae

King's College London
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Education

2009–2012	**PhD in Computer Science**, *Tech. University of Valencia*, Spain, Cum Laude.
2007–2009	**MSc in Artificial Intelligence, Pattern Recognition, and Digital Image**, *Tech. University of Valencia*, Spain, (1st Class).
2002–2007	**5-year BSc in Computer Science**, *Tech. University of Valencia*, Spain, (1st Class).
2015	**Postgraduate Certificate in Learning and Teaching in Higher Education**, *Liverpool John Moores University*.
2015	**Fellow of the Higher Education Academy (HEA)**, *UK.*

Experience

2016–Present	**Lecturer**, King's College London, UK.
2016–Present	**Visiting Researcher**, Lancaster University, UK.
2014–2016	**Senior Lecturer**, Liverpool John Moores University, UK.
2013–2014	**Lecturer**, Bolton University, UK.
2012–2013	**Senior Research Associate**, Lancaster University, UK.
2012	**Visiting Researcher**, King's College London, UK.
2011	**Visiting Researcher**, Utrecht University, Netherlands.
2010	**Visiting Researcher**, Artificial Intelligence Research Institute, Spain.

Awards

2015	**Set for Britain Finalist**, Parliamentary & Scientific Committee, UK.
2009	**Anita Borg Memorial Scholarship Finalist**, Google.
2008–2012	**PhD Scholarship**, Spanish Ministry of Education, Spain.
2007	**Best Student Award**, Valencian Government, Spain.

Selected Publications

1. J. M. Such, **N. Criado**. *Multiparty Privacy in Social Media*. Communications of the ACM. In press (2018)
2. **N. Criado**, J. M Such. *Norm Monitoring under Partial Action Observability*. IEEE Transactions on Cybernetics. Vol. 47, N.2 pp. 270-282 (2017)
3. J. M Such, **N. Criado**. *Resolving Multi-party Privacy Conflicts in Social Media*. IEEE Transactions on Knowledge and Data Engineering. Vol. 28, N. 7 pp. 1851-1863. (2016)
4. **N. Criado** and J. M. Such. *Selective Norm Monitoring*. In Proc. of the International Joint Conference on Artificial Intelligence pp. 208-214 (2016)
5. **N. Criado**, E. Black, and M. Luck. *A Coherence Maximization Process For Solving Normative Inconsistencies*. Journal of Autonomous Agents and Multi-Agent Systems Autonomous Agents and Multi-Agent Systems. Vol. 30, pp. 640-680 (2016)
6. **N. Criado**, J. M Such. *Implicit Contextual Integrity in Online Social Networks*. Information Sciences. Vol. 325, pp. 48-69. (2015)
7. **N. Criado**, E. Argente, P. Noriega and V. Botti. *Reasoning About Norms within Uncertain and Dynamic Environments*. International Journal of Approximate Reasoning. Vol. 55, N. 9 pp. 2049-2070. (2014)
8. **N. Criado**, E. Argente, P. Noriega and V. Botti. *Reasoning About Constitutive Norms in BDI Agents*. Logic Journal of the IGPL. Vol. 22, N. 1 pp. 66-93. (2014)
9. **N. Criado**, E. Argente, P. Noriega and V. Botti. *Human-Inspired Model For Norm Compliance Decision Making*. Information Sciences Journal. Vol. 245, N. 1 pp. 218-239. (2013)

10. **N. Criado**, E. Argente and V. Botti. *Open Issues for Normative Multi-Agent Systems*. AI Communications. Vol. 24 N. 3 pp. 233-264. (2011)

Selected Peer Esteem Indicators

- Editorship:
  - Guest Editor, Special Issue *European Conference on Multi-Agent Systems Special Issue*, Knowledge Engineering Review (expected 2019).
  - Guest Editor, Special Issue *AI for Security and Privacy*, ACM Transactions on Internet Technology (expected 2018).
  - Co-Editor of *Multi-Agent Systems and Agreement Technologies*. Lecture Notes on Artificial Intelligence 10207, Springer 2017.
  - Guest Editor, Special Issue *Intelligent CyberSecurity Agents*, IEEE Intelligent Systems (2016).
- Programme Chair:
  - 14th European Conference on Multi-Agent Systems, EUMAS 2016.
- Organising Committee:
  - The International Workshop on AI for Privacy and Security (PrAISe), held with 22nd European Conf. on Artificial Intelligence ECAI 2016.
  - The Second International Workshop on Agents and CyberSecurity (ACySe), held with the International Conference on Autonomous Agents and Multi-agent Systems AAMAS 2015.
  - The First International Workshop on Agents and CyberSecurity (ACySe), in conjunction with the International Conference on Autonomous Agents and Multi-agent Systems AAMAS 2014.
- Program Committee:
  - International Joint Conference on Artificial Intelligence (IJCAI): IJCAI 2018.
  - International Conference on Autonomous Agents and Multiagent Systems (AAMAS): AAMAS 2018, AAMAS 2017, AAMAS 2016.
  - 32rst AAAI Conference on Artificial Intelligence (AAAI): AAAI 2018, AAAI 2017.
  - International Workshop on Coordination, Organisations, Institutions and Norm (COIN): COIN 2017, COIN 2016, COIN 2015.
  - European Conference on Artificial Intelligence (ECAI): ECAI 2018, ECAI 2016.
- Reviewer: Journal of Knowledge-Based Systems, Information Sciences, International Journal of Approximate Reasoning, Journal of Autonomous Agents and Multi-Agent Systems, ACM Transactions on Internet Technology, ACM Transactions on Autonomous and Adaptive Systems, IEEE Intelligent Systems, Journal of Artificial Intelligence and Law, International Journal of Artificial Intelligence and Soft Computing, ...
- Media Coverage:
  - The Huffington Post: Experimental Algorithm Could Stop Embarrassing Photos Appearing On Facebook. `http://tinyurl.com/hsho2y4`
  - The Stack: Research aims to stop users sharing inappropriate information on Facebook. `http://tinyurl.com/z2tvq7c`
  - C. Graham. (2015, March 03). Doctor joins top research panel. Wigan Observer, pp. 79.

Research Projects

- Pump-priming Grant: "Monitoring Actions under Uncertainty". Leading Researcher. Liverpool John Moores University (5000 £). 01/11/2014-30/05/2015

PhD Supervision

Currently supervising **3 PhD students**:

- Jordi Ganzer-Ripoll, since January 2017, *Argumentation & Social Choice for Norm Reasoning*, together with Prof Simon Parsons.
- Niall Creech, since June 2016, *Agent Self-Organisation and Learning in Cloud Software Systems*, together with Dr Simon Miles.
- External PhD student: Phillip Kendrick, since June 2015, *Multi-Agent Systems For Dynamic Forensic Investigations*, together with Dr Martin Randles and Dr Abir Hussain (Liverpool John Moores University).