

MOHAMMAD HAMMOUDEH
MANCHESTER METROPOLITAN UNIVERSITY
E-MAIL M.HAMMOUDEH@MMU.AC.UK

EDUCATION

- PhD in Computer Science
School of Computing and IT, University of Wolverhampton, Wolverhampton/Coventry University, UK, Thesis: A Distributed Data Extraction and Visualisations Service for Wireless Sensor Networks, December 2006 to March 2009 (Full time)
- MSc (Distinction) in Advanced Distributed Systems
Department of Computer Science, University of Leicester, Leicester, UK, Thesis: Robust Routing in Wireless Sensor Networks, September 2005 to August 2006 (Full time)
- PGC (Merit) in Academic Practice
School of Arts, Manchester Metropolitan University, Manchester, UK, September 2009 to January 2011 (Part time)
- BSc (1st Class Hons) Computer Communication
School of Computer Science, Business and Computer University, Beirut, Lebanon, September 2002 to May 2005 (Full time)
- DipCompSci (Distinction) Computer Information Systems
Department of Computer Science, Sibliin Training College, Saida, Lebanon, September 2000 to August 2002 (Full time)

EMPLOYMENT

- Head of the Internet of Things Lab
School of Computing, Mathematics & Digital Technology, Manchester Metropolitan University, Manchester, UK, From September 2015 to present (Full time)
- Senior Lecture in Computer Networks and Security
Head of IoT Lab
School of Computing, Mathematics & Digital Technology, Manchester Metropolitan University, Manchester, UK, From September 2009 to present (Full time)
- Research and Teaching Assistant
School of Computing and IT, University of Wolverhampton, Wolverhampton, UK, From December, 2007 to March, 2009 (Part time)
- Part Time Lecturer
Faculty of Engineering and Computing, Coventry University, Coventry, UK, From October, 2006 to October, 2007
- Technical Advisor
European Commission Humanitarian Aid Office, Beirut, Lebanon, From October, 2004 to July, 2005 (Full time)

PROFESSIONAL/WORK TRAINING

- Certified Ethical Hacker
International Council of Electronic Commerce Consultants (EC-Council), September 2011
- Mobile Phone Forensic

University of Glamorgan. April 2011

- Digital Forensics
University of Oxford, April 2010
- Network Security
University of Oxford, December 2009

PROFESSIONAL ESTEEM INDICATORS

- Generated over £414,000 (\$660,000) research income up to date.
- General Chair of the European Intelligence and Security Informatics Conference (EISIC), 2015.
- International Advisory Committee Member of the IEEE 5th International Conference on Information Communication and Embedded Systems ICICES, 2015.
- Technical Programme Committee Co-chair of the 7th International Conference of Computer Science & Information Technology (CSIT), 2015.
- Steering Committee Member of the European Intelligence and Security Informatics Conference.
- Submitted to the Research Excellence Framework, REF 2014.
- Wireless Technology, Communications and Security Expert Witness, 2014.
- Publication Co-chair of the Intelligence & Security Informatics Conference (ISI), 2014.
- Member of the Award Selection Committee of the Intelligence & Security Informatics Conference (ISI), 2014.
- Established the MComp Computer Science (Hons) and the MSc Computer & Network Security, 2013 at the Manchester Metropolitan University.
- Member of the organising committee of the 2nd CARPE conference - The consortium for Applied Research and Professional Education, 2013.
- Session Chair: The "Creative Engineering: Innovation in Engineering" theme of the 2nd CARPE conference, November 2013.
- Session Chair: Second International Workshop on Planning and Optimization of Wireless Networks at Sheffield University, March 2012.
- Panelist: The Second International Workshop on Recent Advances in Networking, Security & Forensics, on 24th May 2012.
- Long-standing member of the Program Committees of many international conferences.
- Reviewing research proposals and papers for high impact leading international journals.

RESEARCH PORJECTS

Selected Externally Funded Projects

- Innovate UK, Develop cyber security solutions to protect evolving, cloud-based Internet of Things ecosystems, and other data processing infrastructures, in collaboration with Raa IT. Value Total £188,000. Awarded 2016. Project Reference: KTP010462
- Knowledge Transfer Partnership between Manchester Metropolitan University and Shaping Cloud Limited. A cloud-based 'Platform as a Service' to enable local governments to link their old world IT to the cloud, £176,112. Project Reference: KTP010115
- A fully funded PhD studentship by Faculty of Science and Engineering, Lightweight privacy preserving authentication of smart objects in the Internet of Things, Informatics Research Centre, Manchester Metropolitan University, £36,000. 2014-2018
- TestOut, Blended Learning Pilot Study. £11,000. Awarded October 2013

- SEAS-DTC, Practical Exploitation of Autonomous Sensing – Location Awareness. £26,000. Awarded October 2007. Project Reference: BG/IN7054H
- Science City, Remote Sensing. Partners, Harper Adams University College, Value Total £130,000. Awarded October 2007. Project Reference: IF047

Open Source Projects

- ESP-based low cost rapid deployment system for border monitoring.
- Dingo - Tools for the simulation and deployment of high-level, Python code on real sensor networks. URL: <http://code.google.com/p/dingo-wsn/>
- Python-CSP - Implementations of Communicating Sequential Processes for Python and Jython. URL: <http://code.google.com/p/python-csp/>
- TOR Tools for Providing a Usable Anonymising Network on the internet – Shadow Plugin