

## Konstantinos Papangelis, BSc (Hons), MSc, PhD, FRSA

B. Thomas Golisano College of Computing and Information Sciences  
Department of Interactive Games and Media  
Rochester Institute of Technology  
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### Education

- **University of Aberdeen, UK** Jul. 2011 - Jun. 2016  
*Doctor of Philosophy in Computer Science*  
British Library EthOS ID: uk.bl.ethos.678798
- **University of Lancaster, UK** Sep. 2010 - Jul. 2011  
*Master of Science with Distinction in Human Computer Interaction*
- **University of Huddersfield, UK** Sep. 2006 - Jun. 2010  
*Bachelor of Science with Honours in Computer Science*

### Academic Appointments

- **Rochester Institute of Technology** Rochester, NY, USA  
*Assistant Professor* Jan. 2020- Present
- **University of Liverpool** Liverpool, UK  
*Honorary Lecturer* Jul. 2015 - Dec. 2019  
Honorary Associate Number: 482972
- **Xi'an Jiaotong-Liverpool University** Suzhou, PRC  
*Lecturer* Jul. 2015 - Dec. 2019
- **University of Cardiff** Cardiff, UK  
*Lecturer* Sept. 2014 - Jul. 2015
- **University of Aberdeen** Aberdeen, UK  
*Teaching Assistant* Sep. 2011 - Aug. 2014

### In Submission / Work in Progress

#### In submission

- **Papangelis K**, Liang HN, Chamberlain A, Saker M, Cao T, Khan JV, Sadien I, Lykourentzou I. Performing the Digital Self: Understanding Location-Based Social Networking, Territory, Space, and Identity in the City. Submitted to ACM Transactions on Computer-Human Interaction (TOCHI) Journal. (5-Years Impact Factor: 3.63) *Accepted Pending Minor Revisions*.
- Wang Y, **Papangelis K**, Lykourentzou I, Liang HN, Sadien I, Demerouti E, Khan JV. In their shoes: A Structured Analysis of Job Demands, Resources, Work Experiences, and Platform Commitment of Crowdworkers in China. Submitted to The 22nd ACM Conference on Computer-Supported Cooperative Work and Social Computing.
- Lykourentzou I, Papastathis C, Khan JV, **Papangelis K**. Exploring Self-organisation in Crowd Teams. Submitted to the First International Workshop on Crowd-Powered e-Services (CROPS 2019). The 18th IFIP Conference on Business, e-Services and e-Society (I3E 2019).

#### Work in Progress

- **Papangelis K**, Liang HN, Chamberlain A, Saker M, Cao T, Khan JV, Sadien I, Lykourentzou I. Locating Identities in Time: An examination of the Impact of Temporality on Presentations of the Self through Location-based Social Networks (Working title). To be submitted to the 2020 ACM CHI Conference on Human Factors in Computing Systems (CHI '20).
- Jones C, **Papangelis K**. Board games as a design tool for location-based games: Reflecting on the Benefits and Constraints of Creative Thinking by Doing (Working title). To be submitted to the 2020 ACM CHI Conference on Human Factors in Computing Systems (CHI '20).
- **Papangelis K**, Liang HN, Chamberlain A, Saker M, Cao T, Khan JV, Sadien I, Lykourentzou I. Re-place-ing space Through Play: Location-based Games, People-place Relationships, and the Playful reprogramming of the Urban Land-

scape (Working title). In progress. Near completion. To be submitted to the ACM Transactions on Computer-Human Interaction (TOCHI) Journal.(5-Years Impact Factor: 3.63)

## Publications

### 2020

- Sensing the City: Smart Spaces, Playful Possibilities and Problems of Participation. Book. **Papangelis K** co-editing with Saker M, Jones C. Smart Cities Series of Elsevier. Book is forthcoming late 2020.

### 2019

- MacroTask Crowdsourcing: Engaging the Crowds to Address Complex Problems. Book. **Papangelis K** co-authoring and co-editing with Khan JV, Lykourantzou I, Markopoulos P. Human-Computer Interaction Series of Springer Verlag. Book is forthcoming early 2019.
- Difeng Y, Liang HN, Fan K, Zhang H, Fleming C, **Papangelis K**. Design and Evaluation of Techniques for Visualizing Off-Screen and Occluded Targets in Virtual Reality Environments. IEEE Transactions on Visualization and Computer Graphics. Paper will be presented to the IEEE Virtual Reality Conference 2019 (IEEE VR'19). Volume: Not available yet. Page-number: Not available yet. Doi: 10.1109/TVCG.2019.2905580 (2017 Impact Factor: 3.078)
- Khan JV **Papangelis K**, Lykourantzou I, Markopoulos P (2020). Macrotask crowdsourcing: Advancing the Crowd's Potential. In Khan JV, Papangelis K, Lykourantzou I, Markopoulos P (Ed.) 'MacroTask Crowdsourcing: Engaging the Crowds to Address Complex Problems'. Human Computer Interaction series of Media and Social Effects series of Springer Verlag. ISBN: Not available yet. Page-number: Not available yet. Doi: Not available yet.
- Khan JV, **Papangelis K**, Lykourantzou I, Markopoulos P (2020). Defining Macrotask Crowdsourcing. In Khan JV, Papangelis K, Lykourantzou I, Markopoulos P (Ed.) 'MacroTask Crowdsourcing: Engaging the Crowds to Address Complex Problems'. Human Computer Interaction series of Media and Social Effects series of Springer Verlag. ISBN: Not available yet. Page-number: Not available yet. Doi: Not available yet.
- Jones K, **Papangelis K**, Saker M (2019). Smart Cities at Play: Technology and Emerging Forms of Playfulness. Behaviour and Information Technology Journal. Volume: Not available yet. Page-number: Not available yet. Doi: Not available yet. (2017 impact factor: 1.380)
- Ruichen Z, Zhoufan Q, Yuwei S, Feiyu L, **Papangelis K** and Liang HN (2019). BlockTower: A multi-player, cross-platform competitive social game. In Joolingen and Cai's (Ed.) 'VR, Simulations and Serious Games for Education'. ISBN: 978-981-13-2844-2. Page-number: 85-98. Gaming Media and Social Effects series of Springer Verlag. Doi: 10.1007/978-981-13-2844-2\_8
- Jones C, **Papangelis K** (2019). Reflections on Using Board Games as a Tool for Designing Location-based Games. Kyriakidis P, Hadjimitsis D, Skarlatos D, and Mansourian A (eds). Geospatial Technologies for Local and Regional Development. Lecture Notes in Geoinformation and Cartography. Springer Cham. Paper presented at the 22nd conference on Geo-information Science of the Association of Geographic Information Laboratories in Europe (AGILE'19). ISBN: 978-3-030-14745-7. Page-number: 291-317. Doi: [https://doi.org/10.1007/978-3-030-14745-7\\_16](https://doi.org/10.1007/978-3-030-14745-7_16).

### 2018

- **Papangelis K**, Potena D, Smari W, Storti E, and Wu K (2018). Advanced Technologies and Systems for Collaboration and Computer Supported Cooperative Work. Future Generation Computer Systems journal. ISSN: 0167-739x. Volume: 95. Page-number: 764-774. Doi: <https://doi.org/10.1016/j.future.2019.02.041> (5-Years Impact Factor: 4.96)
- Lykourantzou I, Faez A, Papastathis C, Sadien I, **Papangelis K**. (2018). When Crowds Give You Lemons: Filtering Innovative Ideas using a Diverse-Bag-of-Lemons Strategy. Proc. ACM Hum.-Comput. Interact. 2, CSCW, Article 115 (November 2018), 23 pages. Paper presented at the 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW '19). Doi: <https://doi.org/10.1145/3274384>
- Campo S, Khan JV, **Papangelis K**, Markopoulos P (2018). Community Heuristics for User Interface Evaluation of Crowdsourcing Platforms. Future Generation Computer Systems journal. ISSN: 0167-739X. Volume: 95. Page-number: 775-790 Doi: <https://doi.org/10.1016/j.future.2018.02.028>. (5-Years Impact Factor: 4.96)
- Nanjappan V, Lu F, Liang HN, **Papangelis K**, Yue Y, Man KL. (2018). User-elicited Dual-hand Interactions for Manipulating 3D objects in Virtual Reality Environments. Journal of Human-Centric Computing and Information Sciences. Volume 8 Issue 1. ISSN: 2192-1962. Doi: <https://doi.org/10.1186/s13673-018-0154-5>. (2-year Impact Factor 1.967)

- Lu F, Yu D, Liang HN, Chen W **Papangelis K**, Ali NM. (2018). Evaluating Engagement Level and Analytical Support of Interactive Visualizations in Virtual Reality Environments. To appear in the proceedings of the 17th IEEE International Symposium on Mixed and Augmented Reality (ISMAR) in Munich, Germany. Doi: 10.1109/ISMAR.2018.00050
- Chamberlain A, Boedker M, **Papangelis K** (2018). Sounding Out Self Design: Developing Metadata Frameworks for Designing Personal Heritage Soundscapes. *Journal of the Audio Engineering Society (JAES)*. ISSN: 0004-7554. Doi: 10.17743/jaes.2018.0025. (5-Years Impact Factor: 1.66)
- Yu D, Liang HN, Lu F, Nanjappan V, **Papangelis K**, Wang W (2018). Target Selection in Head-Mounted Display Virtual Reality Environments. *Journal of Universal Computer Science (J. USC)*. Vol. 24, no. 9 (2018), 1217-1243 URL: [http://www.jucs.org/jucs\\_24\\_9/target\\_selection\\_in\\_head](http://www.jucs.org/jucs_24_9/target_selection_in_head). (2017 Impact factor: 1.066).
- Corsar D, Beecroft M, Cottrill C, **Papangelis K**, Nelson J, Edwards P, Velaga N and Sripada S (2017). Build an App and They Will Come? Lessons Learnt From Trialling the GetThere Bus App In Rural communities. *IET Intelligent Transport Systems Journal*. Volume: 12. Issue: 3. Page-number: 194-201. Doi: <http://dx.doi.org/10.1049/iet-its.2016.0216> (5-Years Impact Factor: 1.38)
- Liang HN, Lu F, Shi Y, **Papangelis K** (2018). Evaluating the Effects of Collaboration and Competition in Navigation Tasks and Spatial Knowledge Acquisition within Virtual Reality Environments. *Future Generation Computer Systems journal*. SSN 0167-739X. Volume: 96. Page-number: 855-867 Doi: <https://doi.org/10.1016/j.future.2018.02.029> (5-Years Impact Factor: 4.96)

## 2017

- **Papangelis K**, Metzger M, Liang HN, Sheng Y, Chamberlain A, Cao T (2017). Conquering the City: Understanding perceptions of Mobility and Human Territoriality in Location-based Mobile Games. *PACM Interact. Mob. Wearable Ubiquitous Technol*. Vol. 1, No. 3, Article 90 (September 2017), 26 pages. Paper presented at the 2017 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UBICOMP '17). Doi: <https://doi.org/10.1145/3130955>.
- **Papangelis K**, Sheng Y, Liang HN, Chamberlain A, Khan JV, Cao T (2017). Unfolding the Interplay of Self-identity and Expressions of Territoriality in Location-based Social Networks. In *Adjunct Proceedings of the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UBICOMP '17)*. ACM 2017. Doi: 10.1145/3123024.3123081.
- **Papangelis K**, Metzger M, Sheng Y, Liang HN, Chamberlain A (2017). "Get off my lawn!" - Starting to Understand Territoriality in Location-Based Games. In *Proceedings of the Human Factors in Computing Systems Conference (CHI EA '17)*. ACM, New York, NY, USA, page number: 1955-1961, Doi: <http://dx.doi.org/10.1145/3027063.3053154>.
- Chamberlain A, Boedker M, **Papangelis K** (2017). Mapping Media and Meaning: Autoethnography as an Approach to Designing Personal Heritage Soundscapes. In the *Proceedings of Audio Mostly 2017: Augmented and Participatory Sound/Music Experiences*, 23-26 August. Queen Mary University of London (London, UK) ACM. Doi: <https://doi.org/10.1145/3123514.3123536>.
- Corsar D, Edward P, Nelson P, Baillie C, **Papangelis K**, Velaga N (2017). Linking Open Data and the Crowd for Real-time Passenger Information, Web Semantics: Science, Services and Agents on the World Wide Web. *Journal of Web Semantics*. ISSN 1570-8268. Volume: 43. Page-number: 18-24. Doi: <http://dx.doi.org/10.1016/j.websem.2017.02.002> (5-Years Impact Factor: 2.75).
- Chamberlain A, Bodker M, Hazzard A, McGookin D, Roure D De, Wicox P, **Papangelis K** (2017). Audio Technology and Mobile Human-Computer Interaction: from space and place, to social media, music composition and creation. *International Journal of Mobile Human Computer Interaction (IJMHCI)*. Volume 9. Issue 4. Page-number 25-40. Doi: <https://doi.org/10.4018/IJMHCI.2017100103>. (5-Years Impact Factor: 0.9)

## 2016

- **Papangelis K**, Chamberlain A, Liang H (2016). New Directions for Preserving Intangible Cultural Heritage through the use of Mobile Technologies, In *Proceedings of the 8th International Conference on Human-Computer Interaction with Mobile Devices and Services (Mobile HCI)*. Florence (Tuscany), Italy, September 2016. ISBN:978-1-4503-4413-5/16/09. doi: <http://dx.doi.org/10.1145/2957265.2962643>.
- **Papangelis K**, Velaga N, Ashmore F, Sripada S, Nelson J, Beecroft M (2016). Exploring the rural passenger experience, information needs and decision making during public transport disruption. *Journal of Research in Transportation Business & Management*, ISSN 2210-5395, doi:10.1016/j.jrtbm.2016.01.002. (5-Years Impact Factor: 1.47)
- **Papangelis K**, Sripada S, Nelson J, Beecroft M (2016). The effects of mobile real time public transport information on rural passengers. (2016) *Journal of Transportation Planning and Technology*. Taylor Francis. Volume: 39. Issue: 1. Page-number: 97-114. <http://dx.doi.org/10.1080/03081060.2015.1108085>. (5-Years Impact Factor: 0.7).

- **Papangelis K**, Chamberlain A, Liang H (2016). Co-Design for Harm Reduction Systems with Online Communities of Bodybuilding Steroid Users. In Proceedings of 2016 International Conference on Collaboration Technologies and Systems (CTS), Orlando, FL, USA, 2016, pp. 35-42. DOI: <https://doi.org/10.1109/CTS.2016.0026>.
- Liang H, Shi Y, Yang J, **Papangelis K**, Lu F (2016). VRMController: An Input Device for Navigation Activities in Virtual Reality Environments. In Proceedings of 15th ACM SIGGRAPH International Conference on Virtual-Reality Continuum and its Applications in Industry (VRCAI 2016). 3-4 December 2016 Zhuhai, China, December 2016. ISBN: 978-1-4503-4692-4. DOI: 10.1145/3013971.3014005.

## 2015

- **Papangelis K** (2015). PhD Thesis. User Driven Design of Real Time Passenger Information Solutions for Supporting Rural Passengers in the Context of Disruption. British Library (ISNI: 0000 0004 5370 7114), Aberdeen, United Kingdom 2015.
- **Papangelis K**, Sripada, S, Nelson J, and Beecroft M (2015). Lessons Learned from the Development of a Rural Real Time Passenger Information System. Communications in Computer and Information Science, (2015), 582-586. DOI: 10.1007/978-3-319-21383-5\_97.
- Corsar D, Markovic M, Gault P, Mehdi M, Edwards P, Nelson JD, Cottrill C, **Papangelis K**, and Sripada S (2015). TravelBot: Journey Disruption Alerts Utilising Social Media and Linked Data. In Proceedings of the ISWC 2015 Posters Demonstrations Track co-located with the 14th International Semantic Web Conference (ISWC-2015). Bethlehem, Pennsylvania, USA, October, 2015. (1486) CEUR Workshop Proceedings.
- Morgan, E. and **Papangelis K** (2015). Comparing the Trade-off of Believability and Performance of Abstract Intelligent Agents and Humans Playing Super Mario Bros. Communications in Computer and Information Science, (2015), 759-763. DOI: 10.1007/978-3-319-21380-4\_128.

## 2014

- **Papangelis K**, Chamberlain A, and Velaga N (2014). People, Plans and Place: Understanding and Supporting Responses to Rural Public Transport Disruption. In Proceedings of the 11th International Conference on the Design of Cooperative Systems (COOP 2014), 27-30 May 2014, Nice (France), (2014), 1-15. DOI: 10.1007/978-3-319-06498-7\_1.
- Velaga N R, Nelson, J D, **Papangelis K**, Corsar D, Edwards P (2014). Designing a Passenger-Centric Information Eco-System for Integrated and Flexible Transport Systems in Rural Areas. The Journal of Sustainable Mobility. Volume: 1. Issue: 2. Page-number: 73–82. doi:10.9774/GLEAF.2350.2014.no.00006. (5-Years Impact Factor: 0.5).
- Corsar D, Holden J, Gault P, **Papangelis K**, and Nelson J (2014). The "GetThere" Bus Experience. Intelligent Transport Systems Review magazine. Article available at both print and online versions of the magazine. The Online version can be found here: <http://www.its-ukreview.org/the-gettherebus-experience/>. September, 2014.
- Corsar D, Edwards P, Nelson J, **Papangelis K** (2014). Mobile phones, Sensors & the Crowd: Lessons Learnt from Development of a Real-time Travel Information System. In Proceedings of the First International Conference on IoT in Urban Space. Page-number: 99-101. ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). DOI: 10.4108/icst.urb-iot.2014.257328.

## 2013

- **Papangelis K**, Sripada, S, Corsar D, Velaga N, Edwards P, and Nelson J (2013). Developing a Real Time Passenger Information System for Rural Areas. Edition HIMI/HCI 2013. Springer, Heidelberg. Part II LNCS. Page-number: 153–162. DOI 10.1007/978-3-642-39215-3\_19.
- **Papangelis K**, Velaga N, Sripada S, Beercroft M, Nelson J, Anable J, Farrington J (2013). Supporting rural travelers during disruptions: The role of real time information. In Proceedings of the 92nd Transport Research Board (TRB) annual meeting <https://trid.trb.org/view.aspx?id=1241758>, January 2013.
- Corsar D, Edwards P, Baillie C, Markovic M., **Papangelis K**, and Nelson, J (2013). Short Paper: Citizen Sensing Within a Real-time Passenger Information System. In Proceedings of the 6th International Conference on Semantic Sensor Networks (SS'N13). CEUR-WS.org, Aachen, Germany. Volume 1063. Page-number:77-82.
- Corsar, D, Edwards, P, Baillie, C, Markovic, M, **Papangelis K**, and Nelson J (2013). GetThere: A Rural Passenger Information System Utilising Linked Data Citizen Sensing. In Proceedings of the 2013th International Conference on Semantic Web Technologies for the Internet of Things. Posters and Demonstrations Track. Volume: 1035. Page-number: 85-88. CEUR-WS.org, Aachen, Germany,

## 2012

- Edwards, P, Nelson, J, Corsar D, Velaga N, Beecroft M, Sripada S, Baillie C, **Papangelis K**, and Markovic M (2012). "A Rural Real-time Passenger Information Ecosystem", In Sense Transport'12 Proceedings of Mobisys 2012 Workshop on Next Generation Mobile Computing for Dynamic Personalised Travel Planning. Low Wood Bay, Lake District, United Kingdom, June, 2012. ACM, New York, New York. DOI: <http://dx.doi.org/10.1145/2307874.2307885>.

## Academic Honours, Awards and Grants

- 2019 - Grant of 500,000 CNY (approx 72,000 USD) awarded under the Research Development Fund of Xian Jiaotong-Liverpool University/Jiangsu province Science and Technology Programme (江苏省科技计划项) . The project aims to investigate the job satisfaction, well-being and work experiences of crowdworkers in online platforms in China.
- 2017 - Nominated for the Jiangsu province First-Class Award for Teaching Excellency (江苏省教学成果奖).
- 2017 - Awarded 12,000 USD from ACM SIGCHI to organise a winter school focusing on next-generation location-based technologies. More information can be found at: <http://intranet.isistan.unicen.edu.ar/1bt-school/>.
- 2017 - Awarded the Erasmus+ EU mobility grant. The award is 32,000 EUR (approx. 35,000 USD) and aims to foster research collaborations by increasing the mobility of EU academics within Europe.
- 2017 - Awarded 12,000 USD from ACM SIGCHI to organise a summer school focusing on the future of crowdsourcing in developing countries. More information can be found at: <http://crowdsourcingschool.com/>.
- 2016 - Certificate of Appreciation. The 17th Annual Meeting of the International Conference on Collaboration Technologies and Systems (CTS 2016), Orlando, FL, USA.
- 2016 - Grant of 700,000 CNY (approx 100,000 USD) awarded under the Research Development Fund of Xian Jiaotong-Liverpool University/Jiangsu province Science and Technology Programme (江苏省科技计划项) . The project aims to investigate behaviour in relation to crowdsourcing and locative media in the context of smart cities. Principal Investigator.
- 2016 - 10,000 CNY (approx 1,500 USD) awarded under the Summer Undergraduate Research Fellowship (SURF) scheme of Xi'an Jiaotong-Liverpool University. The project aims to investigate the effects of various visualisations of real time passenger information on public transport travel behaviour. Principal Investigator.
- 2016 - Grant of 50,000 CNY (approx 7,500 USD) awarded under the Teaching Development Fund (TDF) scheme of Xian Jiaotong-Liverpool University. The grant aims to further support our work on mobile learning technologies. Co-Investigator.
- 2016 - Grant of 30,000 CNY (approx 15,000 USD) awarded under the 'Jiangsu Higher Education LT Reform' scheme of the department of Education of the Jiangsu province in China. The project aims to investigate the current use of mobile learning technologies and the factors that facilitate their adoptions in Chinese universities. Co-Investigator.
- 2013 and 2014 - Aberdeen University (UK), College of Physical Science (CoPS) research travel award.
- 2012 - The Chartered Institute of Logistics and Transport (UK) - Transport Scholarship.
- 2011 - INTERREG IVB Northwest European mobility SYNAPTIC (SYnergy of New Advanced Public Transport solutions Improving Connectivity) scholarship, 2011.
- 2011 - Research Council UK, Digital Economy Ph.D scholarship.
- 2010 - University of Lancaster and Research Council UK, MSc Scholarship

## Teaching Experience

- Location-based Games, 500 Level Seminar, Course Leader, Rochester Institute of Technology, 2020 to Present.
- Human Centric Computing (UG), Module Leader, Xi'an Jiaotong-Liverpool University, 2018 to 2018.
- Software Engineering Group Project (UG), Module Leader, Xi'an Jiaotong-Liverpool University, 2016 to Present
  - 2017-2018 Student feedback: Mean score for the module 4.16. Mean departmental score: 4.12. Highest attainable score 5.
  - 2016-17 Student feedback: Mean score for the module 4.27. Mean departmental score 4.16. Highest attainable score 5.
- Big Data Analysis and Mining (PG), Module Leader, Xi'an Jiaotong-Liverpool University, 2015 to Present
  - 2018-19 Student feedback: Mean score for the module 4.5 out of 5. Mean departmental score 4.32 out of 5.
  - 2017-18 Student feedback: Mean score for the module 4.32 out of 5. Mean departmental score 4.18 out of 5.
  - 2016-17 Student feedback: Mean score for the module 3.94 out of 5. Mean departmental score 4.25 out of 5.
  - 2015-16 Student feedback: Mean score for the module 4.53 out of 5. Mean departmental score 4.33 out of 5.
- Machine Learning and Data Mining (PG), Module Leader, Xi'an Jiaotong-Liverpool University, 2015 to 2016
  - Student feedback: Mean score for the module 4.06 out of 5. Mean departmental score 4.03 out of 5.

- System Design and Group Project (UG), Module Leader, Cardiff University, 2014 to 2015.
- Human Centric Computing (PG), Module Leader, Cardiff University, 2014 to 2015.
- Computational Intelligence(UG), Lecturer, Cardiff University, 2014 to 2015.
  - 2014-15 Student feedback: 3.92 out of 5 score for 'Konstantinos Papangelis was an effective instructor overall'. 4.23 out of 5 score for 'satisfied with this module'.
- Algorithms and Data Structures(UG), Lecturer, Cardiff University, 2014 to 2015.
- Human Computer Interaction (UG), Teaching Assistant, University of Aberdeen 2012 to 2014.
- Systems Analysis and Design (PG), Teaching Assistant, University of Aberdeen 2011 to 2014.
- The Digital Society, Teaching Assistant (UG), University of Aberdeen 2012 to 2014.
- Foundations of Computing Science (UG), Teaching Assistant, University of Aberdeen 2013 to 2014.
- Computer programming and principles (UG), Teaching Assistant, University of Aberdeen 2013 to 2014.

## Research Student Supervision

- Ph.D supervision
  - Principal supervisor of Yihong Wang (University of Liverpool). Yihongs's PhD work explores the well-being and work experiences of crowdworkers. Currently, he is investigating occupational stress and burnout, work experiences, organizational commitment, and work engagement of crowdworkers in online platforms in China.
  - Principal supervisor of Irwyn Sadien (University of Liverpool). Irwyn's PhD work focuses on location-based crowdsourcing. Currently, he is looking into the types of tasks most suitable for location-based crowdsourcing via mobile devices using proximity marketing technologies and the effect of different reward schemes (e.g. immediate localized rewards VS delayed location agnostic rewards) on the motivation, task completion, and quality of work.
  - Member of the advisory panel of Ilesanmi Olade (University of Liverpool). Ilesanmi's PhD research focuses on user interfaces for authentication and sensitive data transactions on mobile devices. Ilesanmi's work has been featured in multiple high profile venues. Such as ZDNet (<https://www.zdnet.com/article/can-graphical-passwords-keep-us-secure-online/>) and ACM Communications (<https://cacm.acm.org/news/229709-can-graphical-passwords-keep-us-secure-online/fulltext>).
- M.Res supervision
  - Principal supervisor of 5 MRes students between 2015 to present. The majority of the students published papers from their research in international conferences and journals.

## Departmental/University Service

- Comprehensive Evaluation Admission Assessment (CEAA) interviewer for the Jiangsu province Xi'an Jiaotong-Liverpool University 2017/2018 intake. 2018 to Present.
- Member of the Academic Practice Sub-committee, Xi'an Jiaotong-Liverpool University, 2017 to present.
- Member of University Research Funding Sub-Committee, Xi'an Jiaotong-Liverpool University, 2017 to present.
- Program Director of BEng Digital Media Technologies, Xi'an Jiaotong-Liverpool University, 2016 to present.
- Member of Departmental Faculty Search Committee, Xi'an Jiaotong-Liverpool University, 2016 to present.
- Examination officer for the Computer Science and Software Engineering department, Xi'an Jiaotong-Liverpool University, 2016 to present.
- Member of University Wide Curriculum Review committee, Xi'an Jiaotong-Liverpool University, 2016 to Present.
- Academic Advisor, Xi'an Jiaotong-Liverpool University, 2015 - Present.
- Member of the Assessment Working sub-committee, Xi'an Jiaotong-Liverpool University, 2015 to 2017.
- Undergraduate Course Evaluator and Selector (joint), Cardiff University, 2014 to 2015.
- Personal Tutor, Cardiff University, 2014 to 2015.
- Member of Student-Staff Liaison Committee, Cardiff University, 2015.
- Member of Science Faculty IT Committee, University of Aberdeen, 2012 and 2013.
- Member of Postgraduate Studies Committee, University of Aberdeen, 2012 to 2014.

## Service To Profession

- Associate Chair for the Games Play subcommittee. ACM Human Factors in Computing Systems conference (CHI '20). 2020.
- Publicity Chair for the 14th International Audio Mostly Conference on Augmented and Participatory Sound and Music Experiences (AM'19; <https://audiomostly.com/2019/info/committee/>). 2019.

- Associate Paper Chair for the 22nd ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW '19; <http://cscw.acm.org/2019/committee.html/>). 2019.
- Workshops Program Committee member for the ACM Human Factors in Computing Systems conference (CHI '19; <https://chi2019.acm.org/authors/workshops-symposia/>). 2019.
- Guest editor. Behaviour and Information Technology Journal (<http://www.tandfonline.com/toc/tbit20/current/>). The special issue explores explicit and implicit play and playfulness in the context of smart cities. More information can be found at: <http://explore.tandfonline.com/cfp/est/jmu06129-tbit-smart-cities-at-play>. 2019.
- Program Committee member for the EAI International Conference on IoT in Urban Space (Urb-Iot'19; <http://urbaniot.org/29-2/>). 2019.
- Invited tutorial on 'evaluation of crowdsourcing platforms'. Human-Computer Interaction International Conference 2019 (HCII'19). Orlando, Florida, USA. 2019 More information can be found at: <http://2019.hci.international/t02>.
- Panel Member of the Elsevier China Platinum Panel for Computer Science. The panel selects and recognizes the best and most innovative research done in China as part of the annual China Computer Science Awards. 2019.
- Invited Session Chair. Session 'Urban Spaces' at the 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'18). 2018.
- Program Committee member for The '2nd Workshop on Mobile Access to Cultural Heritage' (MobileCH). 2018. The workshop was held in conjunction with the 20th International Conference on Human-Computer Interaction with Mobile Devices and Services (Mobile HCI). More information about the workshop can be found at: <http://mobilech2018.loria.fr/>.
- Associate Paper Chair for the 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW '18; <https://cscw.acm.org/2018/submit/archived.html>). 2018.
- Invited Speaker. Third International Summer School on 'Computer Supported Cooperative Work – Foundations, Methods and Technologies'. 2018. The summer-school took place in Lake Como in Italy. The summer school was sponsored by the European Society for Social Embedded Technologies (EUSSET), SIG CSCW of the German Computer Society, and Aarhus University. More information can be found at: <https://www.eusset.eu/events/summer-school/summer-school-2018/>.
- Member of the Scientific committee of the European Community on Socially Embedded Technologies (EUSSET). 2017 - 2018.
- Organiser. ACM SIGCHI winter school on "Next Generation Location-based Technologies". 2018. The winter school took place in UNICEN in Tandil, Argentina. The winter school was sponsored by ACM SIGCHI. More information can be found at: <http://intranet.isistan.unicen.edu.ar/lbt-school/>.
- Invited Session Chair. Session 'Serious + Educational + Exertion Games' at the ACM CHI Conference on Human Factors in Computing Systems (CHI' 17). 2017.
- Royal Society for the encouragement of Arts, Manufactures and Commerce (RSA). Ambassador. 2017 - Present.
- Organiser. ACM SIGCHI summer school on 'Exploring the Future of Crowdsourcing in Developing Countries'. 2017. The summer school took place in Xi'an-Jiaotong-Liverpool University in Suzhou, China. The summer school was sponsored by ACM SIGCHI. More information can be found at: <http://crowdsourcingschool.com/>.
- Member of the ACM SIGCHI Communications team. 2017 - Present.
- Guest editor. Special issue of Elsevier's Future Generation Computer Systems (<https://www.journals.elsevier.com/future-generation-computer-systems/>). The special issue focuses on Collaboration Technologies, Services and Systems (2017).
- Co-organiser of The 'Collaborative Technologies for On-line Communities of Support' (CTOCS '16) special session at the 17th Annual Meeting of the International Conference on Collaboration Technologies and System. 2016.
- Technical program committee member of the special track 'Trust, Security and Privacy of Mobile Multimedia' at the 9th EAI International Conference on Mobile Multimedia Communications. 2015.
- Reviewer in multiple high profile Human-Computer Interaction journals and conferences, 2015 to Present.

## Professional Memberships/Affiliations/Fellowships

- Fellow of the Royal Society for the encouragement of Arts, Manufactures and Commerce, UK (RSA) - 2016 to Present
- Member of Association for Computing Machinery (ACM) - 2007 to Present. Member code: 9783198
- Member of British Computing Society (BCS) 2006 to Present. Member code: 990233638

## References

- Prof. Alan Dix, BSc(Hons), DPMMS, PhD. Director for the Computational Foundry, School of Computer Science, The University of Swansea, Singleton Park, Sketty, Swansea SA2 8PP, UK.  
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Relationship: Research Collaborator

- Dr. Vassilis-Javed Khan, BSc (Hons), MSc, PhD. Assistant Professor in Design. Industrial Design Dept. Eindhoven University of Technology, Building: Laplace, Room: 1.89, Eindhoven, 5600, The Netherlands. Email: v.j.khan@tue.nl

Relationship: Research Collaborator

- Dr. Ioanna Lykourantzou, BSc (Hons), PhD. Assistant Professor. Utrecht University, Dept. of Information and Computing Sciences, Domplein 29, 3512 JE Utrecht, Netherlands. Email: i.lykourantzou@uu.nl

Relationship: Research Collaborator