

Marco Gilardi
Lecturer
School of Computing, Engineering and Physical Sciences



Qualifications

Doctor of Philosophy, University of Sussex
27 Apr 2011 → 9 Sept 2015
Award Date: 21 Jan 2016

Master of Science, University of Sussex
6 Sept 2008 → 30 Aug 2009
Award Date: 27 Jan 2010

Master of Science, Laurea Specialistica in Matematica (MSc in Mathematics), University of Cagliari
1 Oct 2005 → 29 Apr 2008
Award Date: 29 Apr 2008

Bachelor of Science (Hons.), Laurea Triennale in Matematica (BSc in Mathematics, University of Cagliari)
1 Sept 2000 → 27 Oct 2005
Award Date: 27 Oct 2005

Postgraduate Certificate, PG Cert in Academic Practice
10 Jan 2018 → Jul 2019

26 Sept 2018 → ... Fellow of the Higher Education Academy, FHEA

Jan 2013 → 26 Sept 2018 Associate Fellow of the Higher Education Academy, AFHEA

Area of academic expertise - outline

My area of research expertise is in Extended Realities (XR) a branch of Spatial Computing. In particular I am interested in two topics (1) the development of tools that will make training and education using XR easier and more accessible to non technical audiences, (2) the design and prototyping of XR Experiences for the Heritage sector.

Employment

Lecturer

Lecturer
School of Computing, Engineering and Physical Sciences
University Of The West Of Scotland
4 Jan 2019 → present

External Examiner

University of Chester
Chester, United Kingdom
1 Sept 2021 → present

Advisory Board Member

Fuze Management Services Ltd - trading as 'The VR Hive'
United Kingdom
1 Apr 2021 → 1 Dec 2021

Research output

1. **Nursing XR – A VR application to teach decision making to student nurses**
Gilardi, M., Honnan, S., Sheerman, L., Cund, A. & Rae, S., 6 Oct 2022.
Research output: Contribution to conference › Paper › peer-review

2. **Successful project completion during the COVID-19 pandemic - a lesson learnt**
Ahmed, M. S., Gilardi, M., Dahal, K. & Finch, D., 2022, *Business Information Systems Workshops: BIS 2021 International Workshops, Virtual Event, Jun 14-17, 2021, Revised Selected Papers*. Abramowicz, W., Auer, S. & Stróżyńska, M. (eds.). Springer Cham, p. 79-85 7 p. (Lecture Notes in Business Information Processing; vol. 444).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › peer-review
3. **SMART decision analysis for choosing optimum business intelligence tool for SMEs**
Ahmed, M. S., Gilardi, M. & Dahal, K., 30 May 2021, (Accepted/In press) *Proceedings of the British Academy of Management 2021 Conference*. British Academy of Management
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › peer-review
4. **XR maths – designing a collaborative extended realities lab for teaching mathematics**
Gilardi, M., Hainey, T., Bakhshi, A., Rodriguez, C. & Walker, A., 20 May 2021, (Accepted/In press) *Proceedings of the 15th European Conference on Games Based Learning: A Virtual Conference hosted by The University of Brighton, UK, 23-24 September 2021*. Fotaris, P. (ed.). Academic Conferences and Publishing International Ltd
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › peer-review
5. **Virtual observations: a software tool for contextual observation and assessment of users actions in virtual reality**
Howie, S. & Gilardi, M., 19 Aug 2020, In: *Virtual Reality*. 25, p. 447-460 14 p., 004635.
Research output: Contribution to journal › Article › peer-review
6. **Leadership skills in the higher education sector: a study of Scotland**
Harrison, C., Collins, S., Gilardi, M., Reilly, C. A., Valentin, S., Balaraman, P. & Papadopoulou, C., 5 Sept 2019, *British Academy of Management (BAM) 2019 Conference*. British Academy of Management, 9 p. 437
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › peer-review
7. **Virtual observation of virtual reality simulations**
Howie, S. R. & Gilardi, M., 2 May 2019, *CHI EA 2019 - Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems: Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems*. Association for Computing Machinery, 6 p. LBW2710
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › peer-review

Awards

KTP - SME - Smartify Holdings Ltd #13527

Gilardi, M. (PI), Keir, P. (CoI), Cader Mohideen, A. I. (CoI) & Dahal, K. (CoI)
9/05/23 → 8/05/25

Prizes

Winner: TIGA UK Education Awards 2022 - Innovative Teaching

Gilardi, M. (Recipient), 16 Sept 2022

Winner of Knowledge Exchange Heros Award - Scottish Knowledge Exchange Awards 2022

Gilardi, M. (Recipient), 17 Mar 2022

Vice-Chancellor's Innovation Fund - Team Award 2021

Gilardi, M. (Recipient), Cund, A. (Recipient), Rae, S. (Recipient) & Hainey, T. (Recipient), 2021

Vice-Chancellor's Innovation Fund - Team Award 2020

Gilardi, M. (Recipient), Hainey, T. (Recipient), Walker, A. (Recipient), Rodriguez Nunez, C. (Recipient) & Bakhshi, A. (Recipient), 2020

Highly Commended for Outstanding Leadership - UWS STARS Awards 2020

Gilardi, M. (Recipient), Aug 2020

Finalist Innovation of the Year - Scottish Knowledge Exchange Awards 2021

Gilardi, M. (Recipient), Mar 2021