



Matthew Montebello

Personal Information

Date of Birth: 22nd June 1966
Office Address: 1A05, Faculty of ICT, Univ of Malta, Msida.
Office Tel: +356 23402132
Mobile: +356 79820528
e-mail: matthew.montebello@um.edu.mt
Web homepage: <https://www.um.edu.mt/profile/matthewmontebello>

Education

2012 – 2016

University of Sheffield, School of Education, Sheffield, UK.
Ed.D. in Higher Education

2016

Malta Information Technology Agency.
Game-Based Learning staff training course.

2014 – 2015

University of Illinois, Chicago, USA.
Master Online Teacher Certificate course.

2011

University of Azores, Department of Oceanography and Fisheries, Portugal.
Internship as part of researcher exchange scheme within the EurOcean initiative to create a European centre for information on Marine science and technology, MCST.

2010

Civil Protection Department, Malta.
Information resource management course employing AI techniques to HAZMAT disaster recovery involving Chemical and Biological weapons of mass destruction.

2007 – 2009

University of Ulster, Northern Ireland, UK.
M.A. Maritime Archaeology.

2008

Technical Diving International Headquarters, Maine, USA.
Certified Instructor Trainer in recreational, technical, deep and rebreather diving skills.

2008

Centro de Arqueologia Subacuatica del IAPH, Cadiz, Spain.
Techniques and excavation in Maritime Archaeology as part of the EU project ArcheoMed.

2008

Malta Red Cross Central Branch, Malta.
First-aid course at the workplace.

2007

Malta College for Arts, Science and Technology, Malta.
Yacht master certification (Offshore).

2003

Professional Association of Diving Instructors – PADI, UK.
Open Water Scuba Instructor up to Master Instructor.

2002

Swatar Trainig Centre, Dingli, Malta.
CISCO certified trainer.

1999

University of Malta, Malta,
Post-Doctoral Research Assistant – MaltiLex project.

1996 – 1998

University of Wales, Cardiff, UK.
Ph.D. Computer Science – scholarship.

1995 – 1996

University of Wales, Cardiff, UK.
M.Sc. Computer Science – British Steel Award for placing first.

1990 – 1991

Central Connecticut State University, Connecticut, USA.
Postgraduate CS course while on student exchange program.

1985 – 1990

University of Malta, Malta.
B.Ed.(Hons.). Mathematics, Physics, Computer Science, IT.

1982 – 1985

New Lyceum Sixth Form, Msida, Malta.
'A' level certifications.

1975 – 1982

St. Albert the Great College, Valletta, Malta.
'O' level certifications.

Professional Roles

- 2017 – ongoing **International Conference on e-Society, e-Learning & e-Technologies – ICSLT18**
Technical Committee Member
Assisting the conference chair in all technical details of running the different academic streams while contributing to the paper review process.
- 2016 – ongoing **Institute for Education – Ministry of Education & Employment, Gov. of Malta**
Senior Advisor / Consultant
Head of research in setting up institute's web portal to house the VLE and CMS for higher education online and blended course.
- 2016 – ongoing **IGI Global Publishing House**
Academic Reviewer
Commissioned to review numerous chapters and academic contributions while assisting editors in selecting and finalising final versions.
- 2016 - ongoing **International Conference on Computer Analysis of Images and Patterns – CAIP**
Programme Committee Member
Assisting chair and programme committee to review submitted papers in order to identify quality papers for acceptance and offer advice to academic authors on how to improve their contribution.
- 2016 - 2017 **International Conference on Advanced Technologies Enhancing Education – ICAT2E 2017**
Programme Committee Member
Mainly reviewing papers submitted and compiling conference programme and assisting the conference chair in assigning sessions and duties.
- 2016 - 2017 **International Conference on Machine Learning & Computing – ICMLC 2017**
Reviewer & Technical Committee Member
Academic reviewer of papers submitted together with assisting conference chair with all technical issues.
- 2016 **International Conference on Higher Education Advances – HEAd16**
Programme Committee Member
Assisting the conference organiser in the reviewing, selection and finalising of academic papers. Other tasks included session chairing and panel member during plenary sessions.
- 2016 - ongoing **International Conference on Learning and Teaching – ICLT 2017**
Technical Committee Member
Involved on the technical aspect of the conference but also will be part of the committee involved in the reviewing, selection and finalising of programme. Other tasks included session chairing and panel member during plenary sessions.
- 2016 - 2017 **International Conference on Modeling and Development of Intelligent Systems – MDIS 2017**
Scientific Committee Member
Reporting to the conference chair concerning academic papers in the area of Artificial Intelligence and reviewing relevant papers to be presented at the conference.
- 2014 - 2015 **National Commission for Further and Higher Education, Malta – NCFHE**
Advisor / Consultant
Commissioned to develop the accreditation and quality assurance of e-learning based distance learning institutions. An implementation model was presented as part of a complete online deployment report.
- 2014 – ongoing **European Commission, Brussels**
Expert Reviewer
Reviewed a number of project proposals in numerous open calls related to the EU framework programmes and European Cooperation in the field of Scientific and Technical research (COST)
- 2014 **International Conference of Virtual Worlds and Games for Serious Applications VS-Games2014 Co-Chair**
Played active role in the bid submission, organisation, promoting, and successfully hosting this international conference.

2014 – 2016	<p>Faculty of ICT, Department of Artificial Intelligence <i>Academic / Head of Department</i> Fully responsible for departmental day-to-day running.</p>
2013 – 2016	<p>European Cooperation in the field of Scientific and Technical Research (COST) <i>Management of the Executive Scientific Committee member for Actions</i></p> <ul style="list-style-type: none"> • <i>TD1202: Mapping and the citizen sensor</i> • <i>IC1203: European Network Exploring Research into Geospatial Information Crowdsourcing: software and methodologies for harnessing geographic information from the crowd (ENERGIC).</i>
2011 – 2013	<p>European Cooperation in the field of Scientific and Technical Research (COST) <i>Management Committee member for Action IC0801: Agreement Technologies</i> To coordinate national efforts on COST action about Agreement Technologies which is a new paradigm for next generation distributed systems, based on the concept of agreement between computational agents.</p>
2010 – 2014	<p>IEEE Malta Section <i>Council member – Educational Activities</i> Occupies the post of Educational activities on the council to promote and advance innovation and technological excellence for the benefit of humanity through publications, conferences, technology standards, and professional and educational activities.</p>
2009 – ongoing	<p>University of Malta - Distance Education Committee / Web Advisory Committee / Web Editorial Board <i>Committee member</i> To advise, establish standards and policies, monitor online content in terms of quality, currency and compliance with policies/standards set by the same board for the entire university online presence.</p>
2010	<p>Mobile Learning International Conference – mLearn2010 <i>Chair</i> Headed all sub-committees in the bid submission, organisation, promoting, and successfully hosting this international conference.</p>
2010 – ongoing	<p>The Court of Magistrates, Malta <i>Court Expert</i> Key expert in the specific domain of underwater accidents together with the equipment involved within the same activity. This also includes analysis of data from diving computers as well as diving profile generation.</p>
2010	<p>International Conference on Internet Technologies and Applications - ITA11 <i>International Committee Member</i> Actively involved in the promotion of the international conference as well as contributing in the reviewing, selection and finalising accepted academic work to be presented. Additionally, chair sessions, form part of panels and key speaker on specific subjects.</p>
2011	<p>International Conference on Database & Expert Systems Applications – DEXA11 <i>Programme Committee Member</i> Assisting the Chair to promote, coordinate and finalise arrangements for the conference, as well as, contribute in the reviewing, selection and finalising of presentable academic work. Other tasks included session chairing and panel member during plenary sessions.</p>
2011	<p>International Conference on Mobile and Contextual Learning – mLearn <i>Programme Committee Member</i> Actively assisted in reviewing and selecting submitted papers and drafting of programme</p>

2002 – ongoing	<p>Civil Protection Department, Malta <i>Advisor / Senior Trainer</i> Voluntary work to assist the diving section of this national search and rescue fire-fighters. Apart from the weekly activities to technically and psychologically prepare the team to operate in extreme and sensitive situations, participation in European projects was also encouraged and successful as part of the FP7 project Socionical.</p>
2009 – 2010	<p>European Commission, Brussels <i>Project Proposals Evaluator</i> Appointed as expert to evaluate project proposals submitted for Call 5, Objective 1.1 - The Network of the Future.</p>
2009	<p>International Web Technology – ACM Symposium on Applied Computing <i>Member of Program Committee & Board of Reviewers</i> Actively involved in the promotion of the international conference as well as contributing in the reviewing, selection and finalising accepted academic work to be presented. Additionally, chair sessions, form part of panels and key speaker on specific subjects.</p>
2005 – ongoing	<p>Matriculation and Secondary Education Certificate (MATSEC) Exam Board <i>Examiner / Chair</i> Involved in the preparation, reviewing, assessing and categorising exam papers and projects in Computing and IT at all levels. Chairing also the board of examiners at the Advanced level.</p>
2008 – 2014	<p>University of Malta Academic Staff Association / Union (UMASA) <i>Council Member / General Secretary / President</i> Actively involved in the promotion of the individual and collective interests of academic staff members at the University of Malta, primarily in the context of the employment and industrial relations aspects of collective bargaining and individual representation of members. Part of negotiating team to finalise the Collective Agreement in 2014. Moved to the post of General Secretary in 2009 and elected President in 2010.</p>
2011 – 2013	<p>METANET4U EU project (www.meta-net.eu/projects/METANET4U/) <i>Work Package 5 Coordinator – ICS department, University of Malta.</i> The objective of this project is to contribute to the establishment of a pan-European digital platform that makes available language resources and services, encompassing both datasets and software tools, for speech and language processing, and supports a new generation of exchange facilities for them.</p>
2009 – 2013	<p>Socionical EU project (www.socionical.eu) <i>Local Coordinator/Lead Researcher – Civil Protection Department, Malta.</i> Coordination of all activities involving the CPD especially during data collection at mass events to investigate use of intelligent software to assist first responders in case of national disasters. This Future and Emerging Technologies (FET) project involves another fifteen European partners.</p>
2004 – 2008	<p>Rewerse EU project (www.reverse.net) <i>Local Coordinator/Primary Investigator – CSAI Department, University of Malta.</i> Coordinated all activities and research in three of the workgroups the department is involved in. This Network of Excellence (NoE) funded by the EU excelled on markup reasoning on the web with rules and semantics. Additionally other work involves responsibilities of every financial year, local organisation of workshops, a PhD summer school (Aug 2005), and information dissemination.</p>
2000 – 2003	<p>Ideal-ist EU project (www.ideal-ist.net) <i>Local Coordinator/Promoter – Malta Council for Science and Technology, Malta.</i> Coordinated activities including frequent meetings of the thirty-one strong consortium, as well as, informed and kept all local organisations up to date of latest developments and potential profitable partnerships. Assisted in the training of local businessmen through workshops organised locally with invited guest speakers.</p>
2000 – 2004	<p>Malta Council for Science and Technology (MCST) <i>IST National Contact Point (NCP).</i> Managed and coordinated all Malta Council for Science and Technology's IST involvement. This included monthly NCP meetings in Brussels to prepare the next IST framework programme, discuss and evaluate proposals during the various calls, while maintaining and safeguarding Maltese interests throughout the IST programme.</p>

Teaching Experience

2017 – ongoing	University of Illinois at Urbana-Champaign. <i>Visiting Scholar.</i>
1999 – ongoing	University of Malta, CSAI / ICS Department, Malta. <i>Lecturer (1999) / Senior Lecturer(2004) /Associate Professor(2013).</i>
2002 – ongoing	Department of Technology in Education, Education Division, Malta. <i>Teacher trainer / Consultant.</i>
2003 – 2010	Swatar Training Centre, Dingli, Malta. <i>Tutor/Academic Consultant.</i>
2000 – 2007	Junior College, University of Malta, IT Department, Malta. <i>Lecturer.</i>
2000 – 2002	St.Martins Training Centre, Malta. <i>Lecturer /Supervisor.</i>
1995 – 1998	University of Wales, Cardiff, UK. <i>Graduate Tutor / Researcher.</i>
1990 – 1995	Sir Adrian Dingli Junior Lyceum, Malta. <i>Senior Teacher.</i>
1989 – 1990	Mtarfa Boys Secondary, Malta. <i>Junior Teacher.</i>

International Affiliations / Memberships / Groups

2008 – ongoing	IEEE Senior Member <i>Highest membership at the world's largest professional association dedicated to advanced technological innovation which requires experience reflecting professional maturity.</i>
2009 – ongoing	IAMLearn member – International <i>Promotes research, development and application excellence in mobile & contextual learning.</i>
2009 – ongoing	Research groups – University of Malta, Malta <i>Web Science Research Group, Mobile Technology Interest Group, and Games in Education Research Interest Group (GameD).</i>

Undergraduate Students

Ongoing	1 B.Sc.ICT(AI).
1999 – 2016	115 B.Sc.IT (Hons)., B.Sc.ICT (Hons)., B.IS.

Masters Students

Ongoing	3 M.Sc., and 2 Ph.D.
2003 – 2016	20 M.Sc., M.IT., MBA.

PhD Students

2008 – 2017	Michel Camilleri <i>Meta Optimisation of Machine Learning Algorithms</i>
2016 – ongoing	Mario Mallia Milanese <i>Intelligent Pedagogic Agents</i>

Referees

Personal	Rev Dominic Scerri O.P. <i>Jesus of Nazareth Parish Church, Sliema.</i> Dr Vanessa Camileri, <i>Lecturer, University of Malta, Malta.</i>
Academic	Prof Kenneth Camilleri, <i>Director, Biomedical Cybernetics centre, Univ of Malta, Malta.</i> Prof Ernest Cachia, <i>Dean, Faculty of ICT, University of Malta, Malta.</i>
Professional	Mr John Wood, <i>Director, Computime, Pater House, Psaila Street, B'Kara, Malta.</i> Prof Alexiei Dingli, <i>Mayor, Valetta Local Council, Valetta, Malta.</i>

Publications – Thesis & Books

Montebello, M., (2018) AI Injected e-Learning – The Future of Online Education, Studies in Computational Intelligence series, Springer International Publishing, ISBN 978-3-319-67927-3.

Montebello, M., (2017) Personalised e-Learning, Ed.D. Thesis, University of Sheffield, UK.

Camilleri, V., Dingli, A., Montebello, M. (2016) Gamify Your Classroom! – A guidebook tool for an alternative pedagogical approach to class-based teaching, Malta Information Technology Agency (MITA), Malta.

Busuttil, L., Camilleri, L., Camilleri, V., Dingli, A., Montebello, M., (2014) Digital and Video Game Usage in Malta, Games in Education (gamEd), Malta Communication Authority (MCA), Malta. ISBN: 978-99957-0-704-0.

Wen-Chen, H., (Editor-in-Chief), Montebello, M., Camilleri, V., Dingli, A., (Guest Editors) (2012) International Journal of Handheld Computing Research (IJHCR), Volume 3, Issue 2, ISSN: 1941-8647. ISSN: 1947-9158, EISSN: 1947-9166.

Parsons, D., (Editor-in-Chief), Montebello, M., Camilleri, V., Dingli, A., (Guest Editors) (2011) International Journal of Mobile and Blended Learning (IJMBL), Volume 3, Issue 4, ISSN: 1941-8647.

Montebello, M., Camilleri, V., Dingli, A., (Editors) (2010) mLearn2010 Proceedings, University of Malta, Malta. ISBN 978-99932-0-937-9

Montebello, M., (2009) Survey and Identification of Unknown Wreck at Manoel Island, M.A.Thesis, Ulster University, Northern Ireland, UK.

Montebello, M., (1999) Personalised Information Retrieval over the WWW, Ph.D. Thesis, Cardiff University, Wales, UK.

Montebello, M., (1996) I.T. in Education – Developing CBI Applications, M.Sc. Thesis, University of Cardiff, Wales, UK.

Borg, R., Montebello, M., (1989) The Case of Church Schools in Malta, B.Ed.(Hons.). Thesis, Faculty of Education, University of Malta, Malta.

Publications – Book Chapters

Camilleri, V., Dingli, A., & Montebello, M. (2017). Empowering Citizens Through Virtual and Alternate Reality. In R. Luppicini, & R. Baarda (Eds.), *Digital Media Integration for Participatory Democracy* (pp. 188-203). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-2463-2.ch009

Camilleri, V., de Freitas, S., Dunwell, I., & Montebello, M. (2017). Classroom Technology Acceptance for Teachers in 3D: A Case Study in PreView. In G. Panconesi, & M. Guida (Eds.), *Handbook of Research on Collaborative Teaching Practice in Virtual Learning Environments* (pp. 221-240). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-2426-7.ch012

Camilleri, V., Dingli, A., Montebello, M., (2016) Games and Citizen Engagement: Towards Democracy 3.0, in Denk, N., Pfeiffer, A., Rembold, E., Wernbacher, T., *Welt Der Spiele 360°*, (pp.206-225). IGI Global, Donau-Universität Krems, Austria. ISBN 978-3903150119.

Camilleri, V., Busuttil, L., & Montebello, M. (2014). MOOCs: Exploiting Networks for the Education of the Masses or Just a Trend?. In G. Mallia (Ed.), *The Social Classroom: Integrating Social Network Use in Education* (pp. 348-366). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-4904-0.ch018

Camilleri V., Busuttil L., Montebello M. (2011) Social Interactive Learning in Multiplayer Games. In: Ma M., Oikonomou A., Jain L. (eds) *Serious Games and Edutainment Applications* (pp. 481-501). Springer, London. doi: 10.1007/978-1-4471-2161-9_23

Montebello M., Abela C. (2003) DAML Enabled Web Services and Agents in the Semantic Web. In: Chaudhri A.B., Jeckle M., Rahm E., Unland R. (eds) *Web, Web-Services, and Database Systems*. NODe 2002. Lecture Notes in Computer Science, vol 2593. Springer, Berlin, Heidelberg. doi: https://doi-org.proxy2.library.illinois.edu/10.1007/3-540-36560-5_4

Montebello M., Ciappara R. (2000) Internet Search Technologies & XML (Revised). In: Ibrahim M., Küng J., Revell N. (eds) *Database and Expert Systems Applications*. DEXA 2000. Lecture Notes in Computer Science, vol 1873. Springer, Berlin, Heidelberg. (pp. 919-928) doi: https://doi-org.proxy2.library.illinois.edu/10.1007/3-540-44469-6_86

Montebello, M., Gray, W.A., Hurley, S., (1998) An Evolvable Personal Advisor to Optimise Internet Search Technologies (Revised), in Lecture Notes in Computer Science, #1460, Database and Expert Systems Applications, Quirchmayr, G., Schweighofer, E., and Bench-Capon, T.J.M., (Eds.), Springer-Verlag 1998, ISBN 3-540-64950-6.

Montebello, M., (1998) Machine Learning and Wrappers to the Rescue of the WWW (Revised), in Intelligent Data Engineering and Learning (IDEAL 98) - Perspectives on Financial Engineering and Data Mining 1st International Symposium IDEAL'98, Xu, L., Chan, L.W., King, I., and Fu, A., (Eds.). Springer 1998, ISBN 978-981-4021-23-4, Pg 315-322.

Montebello, M., (1998) Optimizing Knowledge Discovery over the WWW (Revised), in Lecture Notes in Computer Science, #1475: Advances in Databases and Information Systems, Litwin, W., Morzy, T., Vossen, G., (Eds.) Springer 1998, ISBN 3-540-64924-7, Pg272-280.

Journal / Conference Papers – Peer Reviewed

Montebello, M., Camilleri, V. (2018) Virtual Reality for Academics' Career Professional Development, in proceedings of the *2018 7th International Conference on Educational and Information Technology 2017* (ICEIT 2018), Oxford, UK.

Montebello, M. (2017) Digital Pedagogies for Teachers' CPD, in proceedings of the *5th International Conference on Educational Technologies 2017* (ICEduTech 2017), Sydney, Australia.

Camilleri, V., Montebello, M., Dingli, A., Briffa, V. (2017) Walking in Small Shoes: Investigating the power of VR on empathising with children's difficulties, in proceedings of the 23rd International Conference on Virtual Systems and Multimedia, Belfast, Northern Ireland.

Montebello, M. (2017) Measuring E-Learning Effectiveness Using a Three-Way Comparison, *International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering*, 11(4): 855-860.

Camilleri, M., Montebello, M. (2017) Optimising the Meta-Optimiser in Machine Learning Problems, *Proceedings of the 9th International Conference on Machine Learning and Computing* (ICMLC 2017), pp. 15-22. Singapore.

Montebello, M., Camilleri, V. (2017) Social Media in Higher Education, 3rd International Conference on Learning and Teaching , ICLT2017. Jeju Island, South Korea.

Camilleri, V., Briffa, V., Dingli, A., Montebello, M. (2017) Emotional intelligence in VR – fostering empathy in teaching, proceedings of the 8th International Conference on Applied Human Factors and Ergonomics, Los Angeles, California, USA.

Montebello, M. (2017) Logic Games, proceedings of the South Africa International Conference on Educational Technologies (SAICET) 2017.

Montebello, M., Camilleri, V. (2017) Social Media in Higher Education, *International Journal of Learning and Teaching* (IJLT), 3(1), ISSN: 2377-2891.

Montebello, M. (2017) Playing with Prolog, 11th annual International Technology, Education and Development Conference , INTED 2017. Seville, Spain.

Vassallo, K., Camilleri, V., Layfield, C., Montebello, M. (2017) A Framework for Measuring VR-Based Instruction Effectiveness, 11th annual International Technology, Education and Development Conference , INTED 2017. Seville, Spain.

Mallia Milanes, M., Montebello, M. (2017) Agent-Assisted Collaborative Learning, *International Conference on Agents and Artificial Intelligence* , ICAART2017. Porto, Portugal.

Montebello, M. (2017) Personalised e-Learning, 12th International Conference on e-Learning (ICEL17), ISBN: 978-1-5108-4518-3. Pp. 152-158. Orlando, USA.

Montebello, M. (2017) e-Learning Paradigms – A model to address known issues, *IEEE Computing Conference* (SAI - Science and Information Conference), ISBN: 978-1-5090-5443-5, London, UK.

Montebello, M., Camilleri, V. (2017) Learning Pathways, *International Conference on Educational and Information Technology* (ICEIT 2017), Cambridge, UK.

Montebello, M. (2017) e-Learning Effectiveness – A three-way comparison, 19th International Conference on e-Education and e-Learning (ICEEEL), Boston, USA.

Montebello, M. (2017) Next Generation e-Learning, 5th International Conference on Information and Education Technology (ICIET 2017), Tokyo, Japan.

Montebello, M., Camilleri, V. (2017) Combining Artificial Intelligent Techniques to assist Language Education, International Journal of Learning and Teaching (IJLT), 3(1), I SSN: 2377-2891.

De Martino, S., Haddod, F., Briffa, V., Camilleri, V., Dingli, A., Montebello, M. (2016) Living Autism: An immersive learning experience, 9th Annual International Conference of Education, Research and Innovation (ICERI16), ISBN 978-84-617-5895-1, Seville, Spain.

Montebello, M. (2016) Embodying the Education Institution, International Journal of Education (IJE), 4(4), pp. 9-28, ISSN: 2348-1552.

Camilleri, J., Scicluna, D., Briffa, V., Camilleri, V., Dingli, A., Montebello, M. (2016) If you aren't experiencing it, you're not understanding it! Using Virtual Reality to understand migrants, 9th Annual International Conference of Education, Research and Innovation (ICERI16), ISBN 978-84-617-5895-1, Seville, Spain.

Montebello, M., Camilleri, V. (2016) Intelligent Art Recommender, in proceedings of the 5th Virtual International Conference on Advanced Research in Scientific Areas (ARSA-2016), Slovakia.

Montebello, M. (2016) Enhancing e-learning through the merging of e-portfolios, social networks and artificial intelligence. 10th International Technology, Education and Development Conference. Valencia: INTED2016.

Montebello, M., Capineri, C. (2015) The power of volunteering information – COST Action IC1203, Xjenza, 3(1), Malta.

Montebello, M., Dingli, A., Layfield, C. (2015) An Analysis of Tablet to be deployed in Government Schools, commissioned by the Ministry for Education and Employment (MEDE), Government of Malta.

Montebello, M. (2015) Citizen Sensors – COST Action TD1202, Xjenza, 3(1), Malta.

Montebello, M. (2015) Investigating Crowd Sourcing in Higher Education, in proceedings of the Higher Education in the Globalised Age conference. Sheffield: University of Sheffield.

Cachia, C., Attard, C., and Montebello, M. (2014) WanderRep: A reporting Tool for Caregivers of Wandering Persons with Dementia, Xjenza, 2(2), pp. 2-7, Malta.

Mifsud, J., and Montebello, M. (2014) Dynamics of Private Social Networks, Xjenza, 2(2), pp. 8-13, Malta.

Montebello, M., (2014) Accreditation and Quality Assurance of e-learning based distance learning institution, commissioned by the National Commission for Further and Higher Education (NCFHE), Malta.

Montebello, M. (2014) Performance Indicators to assess Distance Education Quality in Malta, The Online Journal of Distance Education and e-Learning, TOJDEL, Volume 2 - Issue 3 - July 2014

Montebello, M. (2014) Enhancing the Effectiveness of E-Learning through the combination of Personal Learning Portfolios and Social Networks, proceedings of the 7th International Conference on Education, Research and Innovation, ICERI14, Seville, Spain.

- Cassar, S., Montebello, M., Zammit, S. (2014) Hybrid Peer-to-Peer and Server/Client System for Limited User Multiplayer First Person Style Games, proceedings of the 6th International Conference on Virtual Worlds and Games for Serious Applications: VS-Games 2014, Msida, Malta.
- Montebello, M. (2014) Artificial Intelligence to the Rescue of E-Learning, proceedings of the 6th International Conference on Education and New Learning Technologies, EDULearn14, Barcelona, Spain.
- Wirz, M., Mitleton-Kelly, E., Franke, T., Camilleri, V., Montebello, M., Roggen, D., et al. (2013). Using mobile technology and a participatory sensing approach for crowd monitoring and management during large-scale mass gatherings. In E. Mitleton-Kelly (Ed.), *Co-evolution of intelligent socio-technical systems* (pp. 61-77). UK: Springer.
- Camilleri, V., Montebello, M., & Busuttil, L. (2013). MOOCs - exploiting networks for the education of the masses or just a trend? In G. Mallia (Ed.), *The social classroom: Integrating social networks use in education*, IGI Global.
- Camilleri, V., DeFreitas, S., Montebello, M., & McDonagh-Smith, P. (2013). A case study inside a virtual world - use of analytics for immersive spaces. *Learning Analytics and Knowledge (LAK13)*, Leuven, Belgium.
- Camilleri, V., DeFreitas, S., & Montebello, M. (2013). A pre-service teacher immersive experience. 3rd. Global Conference on Experiential Learning in Virtual Worlds, Lisbon, Portugal.
- Farrugia, J-L., and Montebello, M., (2013), Hazard Avoidance Auto Control System for a Robotic Vehicle in proceedings of the 5th International Conference on Agents and Artificial Intelligence (ICAART2013), Barcelona, Spain.
- Farrugia, V.E., and Montebello, M., (2013) SCENARIO - Setting Crowd Events using Augmented Reality and Artificial Intelligence, in proceedings of the 5th International Conference on Agents and Artificial Intelligence (ICAART2013), Barcelona, Spain.
- Montebello, M., (2012) Intelligent Agents to lead a Blind Person, in proceedings of the 14th International Conference on Information Integration and Web-based Applications & Services (iiWAS 2012), Bali, Indonesia.
- Cachia, C., Attard, C., and Montebello, M. (2012) The use of Smart Mobile Technology in reducing burden for Caregivers of wandering persons with Dementia, in the 8th International Meeting of the Euro-Mediterranean Medical Informatics and Telemedicine association (EMMIT 2012), Malta.
- Montebello, M., and Camilleri, V., (2012) A Teacher Trainer AI Agent, in proceedings of the 2012 International Higher Education Conference, Perth, Australia.
- Montebello, M., (2012) Ambient Intelligent Agent to Control Crowd Dynamics, in proceeding of the 2012 Applied Computing Conference, Madrid, Spain.
- Montebello, M., (2012) Calm Mobile Computing, in proceedings of the 2012 International Conference of Information Science and Computer Applications (ICISCA12), Bali, Indonesia.
- Montebello, M., (2012) An Intelligent Agent to Assist Mobile Users, in proceeding of the 2012 Applied Computing Conference, Madrid, Spain.
- Montebello, M., (2012) SAFE – Security Agent offering advice, in proceedings of the 14th International Conference on Information Integration and Web-based Applications & Services (iiWAS 2012), Bali, Indonesia.

Montebello, M., (2012) Assisting Blind Persons, in proceeding of the 2012 Applied Computing Conference, Madrid, Spain.

Montebello, M., (2012) Intelligent Agents for Mobile Phones, in the CiiT International Journal of Artificial Intelligent Systems and Machine Learning, August 2012, ISSN 0974 – 9667; EISSN 0974 – 9543.

Camilleri, V., Dingli, A., Mifsud, J., Montebello, M., and Seychell, D., (2012) Transition to 3D Social Networking, in proceedings of the 2012 Cyberworlds International Conference, Darmstadt, Germany.

Attard, J., Montebello, M., and Debattista, J., (2012) White Cane device: A mobile assistant for visually challenged people, in proceedings of the 2012 Mobile Learning Conference, pp 43-50, ISBN: 978-972-8939-66-3. Berlin, Germany.

Montebello, M., Camilleri, V., and Theuma, S., (2011) Enriching the browsing experience, in proceedings of the 2011 WWW/Internet International Conference, Rio de Janeiro, Brazil.

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