

# PUBLICATIONS

## PAPERS

- Mark Bugeja, Alexiei Dingli, Maria Attard, Dylan Seychell: “A Framework for Queryable Video Analysis: A Case Study on Transport Modelling”, in the 25th Annual International Conference on Mobile Computing and Networking (Mobi Com 2019), Los Cabos, Mexico, October 2019.
- Mark Bugeja, Alexiei Dingli, Maria Attard, Dylan Seychell: “Comparison of Vehicle Detection Techniques applied to IP Camera Video Feeds for use in Intelligent Transport Systems.”, in the 2nd International Congress on Transport Infrastructure and Systems in a changing world (TIS ROMA 2019), Rome, Italy, September 2019.
- Vanessa Camilleri, Alexiei Dingli and Foaad Haddod: “Learning about Autism using VR”, in the 21<sup>st</sup> International Conference on Human Computer Interaction (HCI 2019), Orlando, Florida, July 2019.
- Alexiei Dingli and Foaad Haddod: “Interacting with Intelligent Digital Twins”, in the 21<sup>st</sup> International Conference on Human Computer Interaction (HCI 2019), Orlando, Florida, July 2019.
- Foaad Haddod, Alexiei Dingli and Luca Bondin: “Feel Autism VR – Adding tactile feedback to a VR experience”, in the 21<sup>st</sup> International Conference on Human Computer Interaction (HCI 2019), Orlando, Florida, July 2019.
- Bernhardt Engerer and Alexiei Dingli: “Big Social Data - Predicting Users' Interests from their Social Networking Activities”, in the IEEE Cyber Science Conference 2019 (Cyber Science 2019), Oxford, UK, June 2019
- Alexiei Dingli and Lara Caruana Montaldo: “Artificial Intelligence Assisted Learning Blueprint Designer”, in the 13<sup>th</sup> International Technology, Education and Development Conference (INTED 2019), Valencia, Spain, March 2019.
- Alexiei Dingli and Foaad Haddod, “Intelligent digital twin system design in semiconductor manufacturing”, at the International Conference on Industry 4.0 and Artificial Intelligence Technologies (INAIT 2019), Cambridge, UK, August 2019.
- Alexiei Dingli and Daniel Mizzi, “Gamifying History using Beacons and Mobile Technologies”, at the 12<sup>th</sup> International Conference on Interactive Mobile Communication Technologies and Learning (IMCL 2018), Ontario, Canada, October 2018.
- Alexiei Dingli, Mark Bugeja and Dylan Seychell, "Recognition of Handwritten Characters Using Google Fonts and Freeman Chain Codes", Machine Learning and Knowledge Extraction CD-MAKE, Hamburg, Germany, August 2018.
- Mark Bugeja, Alexiei Dingli and Dylan Seychell, "Selfie as a motivational mobile tool for tourist exploration", 14th International Conference for Mobile Learning, Lisbon, April 2018.

- Vanessa Camilleri, Alexiei Dingli, Vince Briffa and Matthew Montebello: “Walking in small shoes: investigating the power of VR on empathising with children’s difficulties”, at the 23<sup>rd</sup> International Conference on Virtual Systems and Multimedia, Dublin, Ireland, October 31 – November 2<sup>nd</sup>, 2017
- Alexiei Dingli and Karl Sant Fournier: “Financial Time Series Forecasting – A Deep Learning Approach”, at the 6<sup>th</sup> International Conference on Intelligent Information Processing, London, UK, September 17-19, 2017
- Alexiei Dingli, Vincent Marmara and Nicole Sant Fournier: “Comparison of Deep Learning Algorithms to Predict Customer Churn within a Local Retail Industry”, at the 6<sup>th</sup> International Conference on Intelligent Information Processing, London, UK, September 17-19, 2017
- Vanessa Camilleri, Vince Briffa, Alexiei Dingli, Matthew Montebello: “Emotional intelligence in VR – fostering empathy in teaching”, proceedings of the 8th International Conference on Applied Human Factors and Ergonomics, Los Angeles, California, USA, July 17-21, 2017
- Joe Camilleri, David Scicluna, Vince Briffa, Vanessa Camilleri, Alexiei Dingli, Matthew Montebello: “If you aren’t experiencing it, you’re not understanding it! Using virtual reality to understand migrants.”, at the 9th annual International Conference of Education, Research and Innovation, Seville, Spain, November 14-16, 2016
- Steffi deMartino, Foaad Haddod, Vince Briffa, Vanessa Camilleri, Alexiei Dingli, Matthew Montebello: “Living Autism: An immersive learning experience”, at the 9th annual International Conference of Education, Research and Innovation, Seville, Spain, November 14-16, 2016
- Alexiei Dingli and Nicole Sant: “Sentiment Analysis on Maltese using Deep Learning” at the 10<sup>th</sup> International Conference on Advances in Semantic Processing, Venice, Italy, October 9 - 13, 2016
- Alexiei Dingli and Luca Bondin: “Intelligent Wearables” at the 10<sup>th</sup> International Conference on Mobile, Ubiquitous, Computing, Systems, Services and Technologies, Venice, Italy, October 9 - 13, 2016
- Elizabeth Camilleri, Georgios N. Yannakakis and Alexiei Dingli: “Platformer Level Design for Game Character Believability” in the IEEE Conference on Computational Intelligence and Games, Santorini, Greece, September, 20, 2016.
- Alexiei Dingli and Nicholas Mifsud: “Holographic Humans” in the 18th International Conference on Human-Computer Interaction, Toronto, Canada, July, 17, 2016.
- Alexiei Dingli and Isaac Mercieca: “Multimedia Interfaces for Blind People” in the 7th International Conference on Applied Human Factors and Ergonomics, Florida, USA, July, 27, 2016.
- Alexiei Dingli and Nicholas Mifsud: “Using Holograms to Increase Interaction in Museums” in the 7th International Conference on Applied Human Factors and Ergonomics, Florida, USA, July, 27, 2016.

- Alexiei Dingli and Maria Attard: “The Valletta Travel Information Services” in the 17<sup>th</sup> International Conference on Information Technologies in Landscape Architecture, Turkey, Istanbul, May, 31, 2016.
- Alexiei Dingli, Loui Mercieca, Ronald Spina and Marco Galea: “Event Detection Using Social Sensors” in the 2<sup>nd</sup> International Conference on Information and Communications Technologies for Disaster Management (ICT-DM), Rennes, France, November 30, 2015.
- Alexiei Dingli and Antonino Amorosia: “Forecast and inference in presence of incomplete information for financial computing” in the International Workshop on Financial Computing: Methodologies, Methods and Technologies for High performing financial trading, Salerno, Italy, November 13, 2015.
- Alexiei Dingli and Andreas Giordimaina and Hector Martinez: “Experience Surveillance Suite for Unity 3D” in VS-Games 2015, the Seventh International Conference on Virtual Worlds and Games for Serious Applications, Skövde, Sweden, September 16-18, 2015.
- Alexiei Dingli and Daniel Tanti: “Pervasive Social Network” in UBICOMM 2015, the Ninth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies, Nice, France, July 19-24, 2015.
- Alexiei Dingli and Christabel Cachia: “Making eBooks Adaptive” in INTED 2015, the 9<sup>th</sup> International Technology, Education and Development Conference, Madrid, Spain, March 2-4, 2015
- Alexiei Dingli and Christabel Cachia: “Adaptive eBook” in IMCL 2014, the 8<sup>th</sup> International Conference on Interactive Mobile Communication Technologies and Learning, Thessaloniki, Greece, November 13-14, 2014
- Alexiei Dingli and Christian Bonello and Gordon Farrugia: “Games in the classroom” in ICERI 2013, the 6<sup>th</sup> International Conference on Education, Research and Innovation, Seville, Spain, November, 18-20, 2013
- Alexiei Dingli and Christopher Bartolo: “mTADA – mobile Tracking And Advanced Driver Assistance” in MOBILITY 2013, the 3<sup>rd</sup> International Conference on Mobile Services, Resources and Users, Lisbon, Portugal, November,17-22, 2013
- Alexiei Dingli and Gary Hili: “Obesity Management in Children on an iOS Device” in MOBILITY 2013, the 3<sup>rd</sup> International Conference on Mobile Services, Resources and Users, Lisbon, Portugal, November,17-22, 2013
- Alexiei Dingli and Darren Scerri: “Building a Hybrid: Catterbot – Dialogue System” in the 16<sup>th</sup> International Conference on Text and Dialogue (TSD 2013), Plzen, Czech Republic, September,1-5, 2013
- Alexiei Dingli and Darren Scerri: “Dialog Systems and their Inputs” in the 15<sup>th</sup> International Conference on Human Computer Interaction (HCI 2013), Las Vegas, Nevada, July 2013
- Dylan Seychell and Alexiei Dingli and Carl James Debono: “A model for cultural attributes” Proc. of the Sixth European Modelling Symposium 2012 of the IEEE, Msida, Malta, November, 14-16, 2012

- Alexiei Dingli and Silvio Abela: “Using DBPedia to Bootstrap Linked Data” Proc. of the Sixth International Conference on Semantic Processing, Barcelona, Spain, September, 23-28, 2012
- Alexiei Dingli and Dylan Seychell and Matthew Montebello and Jonathan Mifsud and Vanessa Camilleri: “Transition to 3D Social Networking” Proc. of the International Conference on Cyber Worlds, Darmstadt, Germany, September, 25-27, 2012
- Alexiei Dingli: “Crowd Governance” 2<sup>nd</sup> Annual International Congress U-World : Enabling Things to Maximise Value, Dalian, China, August, 28-30, 2012
- Alexiei Dingli: “Smart Governance” Seminar on Public Administration Reform organised by the government of the Czech Republic, Tbilisi, Georgia, May 14-18, 2012
- Alexiei Dingli and Dylan Seychell: “Motivating learning through mobile interaction” Proc. of the IADIS Mobile Learning International Conference, Berlin, Germany, March, 11-13, 2012
- Alexiei Dingli: “Malta 2018”, 19x19 Workshop, Bolzano, Italy, February 13, 2012
- Alexiei Dingli and Stefan Lia: “Home Butler – Creating a Virtual Home Assistant” Proc. of the 3<sup>rd</sup> International Conference on Man-Machine Interaction (ICMMI 11), Beskids, Poland, October, 6-9, 2011
- Alexiei Dingli, Dale Busuttill and Dylan Seychell: “RULIE: Rule Unification for Learning Information Extraction” Proc. of the 22nd International Joint Conference on Artificial Intelligence (IJCAI 2011), Workshop on Discovering Meaning On the Go in Large Heterogeneous Data 2011 (LHD 11), Barcelona, July, 16-18, 2011
- Alexiei Dingli, Charlie Abela and Ilenia D’Ambrogio: “A Pervasve Assistant for Hospital Staff” Proc. of the 3<sup>rd</sup> International Workshop on Intelligent Environments Supporting Healthcare and Well-being (WISHWell 11), Nottingham, UK, July 25-26, 2011
- Alexiei Dingli, Charlie Abela and Ilenia D’Ambrogio: “Pervasve Nursing And docToral Assistant – PINATA” Proc. of the 5<sup>th</sup> International ICST Conference on Pervasive Computing Technologies for Healthcare (PCTH 11), Dublin, Ireland, May 23-26, 2011
- Alexiei Dingli: “The Social Network Adaptive Portal” Proc. Of the IADIS Web Based Communities and Social Media Conference 2011 (WBC2011), Rome, Italy, July 20-26, 2011
- Alexiei Dingli and Dylan Seychell: “Mobile Edutainment in the City” Proc. Of the IADIS Mobile Learning Conference 2011, Avila, Spain, March 10-12, 2011
- Alexiei Dingli, Dylan Seychell and Tunde Kallai: “DINOS for Smart Cities” awarded a Gold Seal at the European Seal of e-Excellence Award Ceremony, CeBIT, Hannover, Germany, March 1, 2011
- Alexiei Dingli, Dylan Seychell and Tunde Kallai: “Digital Information Navigation and Orientation System for Smart Cities” First European Satellite Navigation Conference 2010, Munich, Germany, October 18, 2010

- Alexiei Dingli, Mauzio Gatt, Clare Cini and Gertrude Aquilina: “Sci-Droid” Proc. of 9<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn) 2010, Valletta, Malta, October 19-22, 2010
- Alexiei Dingli, Aldrin Seychell, Mandy Zammit, Manoel Farrugia and Manoel Farrugia: “Mobile Interactive City Adventure - MICA” Proc. of 9<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn) 2010, Valletta, Malta, October 19-22, 2010
- Alexiei Dingli and Dylan Seychell: “Virtual Mobile City Guide” Proc. of 9<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn) 2010, Valletta, Malta, October 19-22, 2010
- Yorick Wilks, Roberta Catizone, Alexiei Dingli and Weiwei Cheng: “Demonstration of a prototype for a Conversational Companion for reminiscing about images” Proc. of 48th Annual Meeting of the Association of Computational Linguistics (ACL) 2010, Uppsala, Sweden, July, 11-16, 2010
- Roberta Catizone, Alexiei Dingli and Robert Gaizauskas: “Using Dialogue Corpora to Extend Information Extraction Patterns for Natural Language Understanding of Dialogue” Proc. of 7th International Conference on Language Resources and Evaluation (LREC) 2010, Valletta, Malta, May, 17-23, 2010
- Vanessa Camilleri, Alexiei Dingli and Matthew Montebello: “A mobile assistant in the City – MAC” Proc. of the IADIS International Conference on Mobile Learning 2010, Porto, Portugal, March, 19-21, 2010
- Alexiei Dingli, Yorick Wilks, Roberta Catizone and Weiwei Cheng: “The Companions: Hybrid-World Approach” Proc. of 21st International Joint Conference on Artificial Intelligence (IJCAI 2009), Knowledge and Reasoning in Practical Dialogue Systems (KRPD 2009) workshop, California, United States of America, July, 14-17, 2009
- Deborah Field, Roberta Catizone, Weiwei Cheng, Alexiei Dingli, Simon Worgan, Ley Ye and Yorick Wilks: “The Senior Companion: a Semantic Web Dialogue System” in Proceedings of 8th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2009), Budapest, Hungary, May, 10-15, 2009
- Tanya Chetcuti and Alexiei Dingli: “Using Hidden Markov Models in Credit Card Transaction Fraud Detection” in Proceedings of the 1<sup>st</sup> Workshop in ICT (WICT 2008), Valletta, Malta, November 17-18, 2008
- Mark Chetcuti and Alexiei Dingli: “Exploiting Social Networking for Image Indexing” in Proceedings of the 1<sup>st</sup> Workshop in ICT (WICT 2008), Valletta, Malta, November 17-18, 2008
- Roberta Catizone, Simon Worgan, Yorick Wilks, Alexiei Dingli and Weiwei Cheng: “A multimodal conversational companion for reminiscing about images” in Proceedings of the 4th International Workshop on Human-Computer Conversation, Bellagio, Italy, October 6-7, 2008
- Roberta Catizone, Alexiei Dingli, Hugo Pinto and Yorick Wilks: “Information Extraction Tools and Methods for Understanding Dialogue in a Companion” in Proceedings of the

6th edition of the Language Resources and Evaluation Conference, Marrakech, Morocco, May 28-30, 2008

- Hugo Pinto, Yorick Wilks, Roberta Catizone and Alexiei Dingli: "The Senior Companion Multi-agent Dialogue System" in Proceedings of the 7th International Conference on Autonomous Agents and Multi-agent Systems, Estoril, Portugal, May 12-16, 2008
- Fabio Ciravegna, Sam Chapman, Alexiei Dingli and Yorick Wilks: "Learning to Harvest Information for the Semantic Web" in Proceedings of the 1<sup>st</sup> European Semantic Web Symposium, Heraklion, Greece, May 10-12, 2004
- Hugh Glaser, Harith Alani, Les Carr, Sam Chapman, Fabio Ciravegna, Alexiei Dingli, Nicholas Gibbins, Stephen Harris, M.c. Schraefel, and Nigel Shadbolt: "CS AKTiveSpace: Building a Semantic Web Application" in Proceedings of the 1<sup>st</sup> European Semantic Web Symposium, Heraklion, Greece, May 10-12, 2004
- Alexiei Dingli, Fabio Ciravegna and Yorick Wilks: "Automatic Semantic Annotation using Unsupervised Information Extraction and Integration" in International Conference on Knowledge Capture (K-CAP03) held in collaboration with the International Semantic Web Conference 2003 (ISWC03) Workshop on Knowledge Markup and Semantic Annotation (K-CAP03), Florida, United States, October, 20-23
- Fabio Ciravegna, Alexiei Dingli, Jose Iria and Yorick Wilks: "Multi-Strategy Definition of Annotation Services in Melita" in International Semantic Web Conference 2003 Workshop on Human Language Technology for the Semantic Web (ISWC03), Florida, United States, October, 20-23
- Fabio Ciravegna, Alexiei Dingli, David Guthrie and Yorick Wilks: "Integrating Information to Bootstrap Information Extraction from Web Sites" in IJCAI 2003 Workshop on Information Integration on the Web, workshop in conjunction with the 18th International Joint Conference on Artificial Intelligence (IJCAI 2003), Acapulco, Mexico, August, 9-15
- Alexiei Dingli, Fabio Ciravegna, David Guthrie and Yorick Wilks: "Mining Web Sites Using Adaptive Information Extraction" in Research notes and demos section of the 10th Conference of the European Chapter of the Association of Computational Linguistics (EACL 2003), Budapest, Hungary, April, 12-17
- Alexiei Dingli : "Next Generation Annotation Interfaces for Information Extraction " in 6th Annual Computer Linguistics UK Colloquium (CLUK03) , January 6-7, 2003 , Edinburgh, UK
- Fabio Ciravegna, Alexiei Dingli, Daniela Petrelli and Yorick Wilks : "User-System Cooperation in Document Annotation based on Information Extraction" in 13th International Conference on Knowledge Engineering and Knowledge Management (EKAW02), 1-4 October 2002 - Sigüenza (Spain)
- Fabio Ciravegna , Alexiei Dingli , Daniela Petrelli and Yorick Wilks : "Timely and Non-Intrusive Active Document Annotation via Adaptive Information Extraction" in Semantic Authoring, Annotation & Knowledge Markup (SAKM 2002) , ECAI 2002 Workshop July 22-26, 2002 , Lyon, France

## SHORT PAPERS & POSTERS

- Alexiei Dingli and Lara Caruana Montaldo: “Human Computer Interaction in Education”, in the 21<sup>st</sup> International Conference on Human Computer Interaction (HCI 2019), Orlando, Florida, July 2019.
- Alexiei Dingli, Foaad Haddod, Dylan Seychell and Mark Bugeja: "Industry 4.0 using Intelligent Digital Twin Technology", In the EPP Group Bureau meeting on Innovation, Valencia, (2018)
- Alexiei Dingli, “Travel Information Services in Historic Islands”, at the 16<sup>th</sup> International Small Islands Studies (ISISA) Islands of the World Conference, Leeuwarden, the Netherlands, June 2018.
- Alexiei Dingli, “Turning Historic Islands into Smart Islands”, at the 16<sup>th</sup> International Small Islands Studies (ISISA) Islands of the World Conference, Leeuwarden, the Netherlands, June 2018.
- Alexiei Dingli, “iGOD”, at the Faraday Course - Science and Religion – two views or two realities?, Malta, April 2018.
- Alexiei Dingli: “Creating a Smart Historic City, one sensor at a time”, ESPO City Board, Finland, November, (2018)
- Alexiei Dingli, Vanessa Camilleri and Foaad Haddod: “Increasing empathy using Virtual Reality (VR): Evaluation of an Autism Experience VR app” in the 3rd Annual Innovations in Psychiatry and Behavioral Health: Virtual Reality and Behaviour Change, Stanford, United States of America, October 6-7, 2017
- Alexiei Dingli and Maria Attard: “Valletta Travel Information Service” in the EU Digital Assembly 2017, Valletta, Malta, June 15-16, 2017
- Alexiei Dingli and Maria Attard: “Congestion Pricing and Travel Information: the Valletta Travel Information Service (VaTIS)” in the Transportation Research Board (TRB) 2017, Washington D.C., USA, January 8-12, 2017
- Alexiei Dingli and Michael Buhagiar: “Ambient Assisted Living Buddy” in ICT4AgingWell 2015, the International Conference on Information and Communication Technologies for Ageing Well and e-Health, Lisbon, Portugal, May 20-22, 2015
- Alexiei Dingli and Shirley Cini: “Web Page Extractor” in ICDF2C 2013, 5<sup>th</sup> International Conference on Digital Forensics and Cyber Crime, September 25-27, 2013, Moscow, Russia
- Alexiei Dingli and Thorsten Callus: “Child Abuse Image Database” in ICDF2C 2013, 5<sup>th</sup> International Conference on Digital Forensics and Cyber Crime, September 25-27, 2013, Moscow, Russia
- Alexiei Dingli and Dylan Seychell: “DINOS: Your City’s Mobile Portal” in IMAGINA 2012, February 7-9, 2012, in Monaco

- Alexiei Dingli and Dylan Seychell: "Mobile Price Comparison Application using Localisation Techniques" in the 3<sup>rd</sup> ACM International Conference on Web Science (WebSci11) June 14-17, 2011, in Koblenz, Germany
- Ranier Bonnici, Alexiei Dingli and Charlie Abela : "Extending a closed-world with guest devices" in the 6th European Semantic Web Conference (ESWC 2009) May 31-June 4, 2009, in Heraklion, Crete
- Alexiei Dingli and Charlie Abela : "A pervasve assistant for Nursing and Doctoral staff" in the 18th European Conference on Artificial Intelligence (ECAI 2008) July 21-25, 2008, in Patras, Greece
- Alexiei Dingli and Charlie Abela : "Pervaslve Nursing And docToral Assitant (PINATA)" in the 5th European Semantic Web Conference (ESWC 2008) June 1-5, 2008, in Tenerife, Spain
- Fabio Ciravegna , Sam Chapman, and Alexiei Dingli : "Armadillo: Harvesting information for the Semantic Web" in The 27th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval July 25-29, 2004, in Sheffield, United Kingdom
- Fabio Ciravegna , Alexiei Dingli and Daniela Petrelli : "Active Document Enrichment using Adaptive Information Extraction from Text" in 1st International Semantic Web Conference (ISWC2002) , June 9-12th, 2002 Sardinia, Italia
- Fabio Ciravegna , Alexiei Dingli and Daniela Petrelli : "Document Annotation via Adaptive Information Extraction" in The 25th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval August 11-15, 2002, in Tampere, Finland
- Alexiei Dingli : "Active Document Annotation via Adaptive Information Extraction" in University of Sheffield, Department of Computer Science, Research Retreat 6 th November 2002, Sheffield



## BOOK CHAPTERS

- Alexiei Dingli and Lara Caruana Montaldo: “Aspects of an Artificial Intelligence Assisted Learning (AIAL) System”, In Embracing Digital Learners in an Age of Global Educational Change and Rapid Technological Advancements: IGI Global (2019)
- Vince Briffa, Joseph Camilleri, Vanessa Camilleri, Alexiei Dingli, Foaad Haddod and Matthew Montebello: “Virtual Reality (VR) applications in Learning: the case of ‘Living Autism’”, In Cases on Immersive Virtual Reality Techniques: IGI Global (2018)
- Alexiei Dingli: “Turning Valletta into a Smart Historic City”, Heritage Malta and Malta Libraries (2018)
- Alexiei Dingli and Karl Sant Fournier: “Financial Time Series Forecasting – A Machine Learning Approach”, Machine Learning and Applications: An International Journal (MLAIJ), AIRCC Publishing (2017)
- Alexiei Dingli, Vincent Marmara and Nicole Sant Fournier: “Enhancing Customer Relationships through Data Mining Techniques”, Machine Learning and Applications: An International Journal (MLAIJ), AIRCC Publishing (2017)
- Vanessa Camilleri, Alexiei Dingli, Matthew Montebello: “Games and Citizen Engagement: Towards Democracy 3.0”: In World of Games 360 °: Anthology of the Center for Applied Games Research: Danube University Krems (March 2017)
- Croitorescu Valerian, Alexiei Dingli: “Challenges and Approaches For Smart Innovative Transport System Replication”: In Emergent Realities for Social Wellbeing Environmental, Spatial and Social Pathways: University of Malta (February 2017)
- Vanessa Camilleri, Alexiei Dingli, Matthew Montebello: “Empowering Citizens through Virtual and Alternate Reality”: In Handbook of Research on Digital Media Integration for Participatory Democracy: IGI Global (February 2017)
- Alexiei Dingli and Maria Attard: “VaTIS a travel information service for the city of Valletta, Malta” in the International Journal of Conceptual Structures and Smart Applications (IJCSSA), 2017
- Alexiei Dingli and Andreas Giordimaina: “Webcam-based detection of emotional states” in the International Journal of Computer Graphics, The Visual Computer, 2016
- Alexiei Dingli and Dylan Seychell and Vince Briffa: “Discovering Art Using Technology” in the IGI Handbook of Research on Creative Technologies for Multidisciplinary Applications, 2016
- Christopher Bartolo and Alexiei Dingli: “A survey of Virtual Worlds: Exploring the various types and theories behind them” in the International Journal of Communication and Computer, 2014
- Alexiei Dingli and Sarah Cassar: “An Intelligent Framework for Website Usability” in the International Journal on Advances in Human-Computer Interaction, 2014
- Alexiei Dingli and Jurgen Camilleri: “Alternate Reality Story Telling” in the International Journal Arts, Commerce and Literature, 2013

- Alexiei Dingli and Dylan Seychell: “Using RFID and Wi-Fi in Healthcare” in the International Journal of E-Health and Medical Communications: IGI Global 2013
- Alexiei Dingli and Mark Caruana and Robert Zammit: “Using social networks to solve crimes: A case study” in the International Journal of Virtual Communities and Social Networking: IGI Global 2012.
- Alexiei Dingli and Darren Scerri; “Analyzing Input in Dialog Systems” in the International Journal of Computational Linguistics and Natural Language Processing: 2012.
- Alexiei Dingli and Daniel Attard and Reuben Mamo: “Turning homes into low-cost Ambient Assisted Living environments” in the International Journal of Ambient Computing and Intelligence: IGI Global 2012.
- Alexiei Dingli and Dylan Seychell: “Taking Social Networks to the next level” in the International Journal of Distributed Systems and Technologies: IGI Global 2012.
- Alexiei Dingli, Ilenia D’Ambrogio and Charlie Abela: “PINATA ... taking e-Health a step forward” In E-Health Technologies and Improving Patient Safety – Exploring Organisational Factors: IGI Global 2012.
- Alexiei Dingli and Dylan Seychell: “Blending Augmented Reality with Real World Scenarios using Mobile Devices” In Technologies and Protocols for Internet Design: Reinventing the Web: IGI Global 2011.
- Alexiei Dingli and Justin Mifsud: “USEFul: A Framework to Mainstream Web Site Usability through Automated Evaluation” In the International Journal of Human Computer Interaction: CSC Journals 2011.
- Yorick Wilks, Roberta Catizone, Simon Worgan, Alexiei Dingli, Roger Moore, Debora Field and Weiwei Cheng: "A prototype for a conversational companion for reminiscing about images" In Computer Speech and Language, ACM 2011.
- Roberta Catizone, Simon Worgan, Yorick Wilks, Alexiei Dingli, and Weiwei Cheng: "A World-Hybrid approach to a conversational Companion for reminiscing about images" In Close Engagements with Artificial Companions: Key social, psychological, ethical and design issues. John Benjamins: Amsterdam 2010.
- Fabio Ciravegna , Alexiei Dingli , Yorick Wilks and Daniela Petrelli : "Using Adaptive Information Extraction for Effective Human-centred Document Annotation" in R. Skuppin (ed.): Text Mining, book published by Springer Verlag 2003
- Fabio Ciravegna, Alexiei Dingli, Daniela Petrelli and Yorick Wilks : "User-System Cooperation in Document Annotation based on Information Extraction" in Advanced Knowledge Technologies – Selected Papers 2003
- Fabio Ciravegna, Sam Chapman, Alexiei Dingli and Yorick Wilks: "Learning to Harvest Information for the Semantic Web" in Advanced Knowledge Technologies – Selected Papers, 2004

## THESIS & BOOKS

- Vanessa Camilleri, Alexiei Dingli, Matthew Montebello: “Gamify Your Classroom! – A guidebook tool for an alternative pedagogical approach to class-based teaching”, Malta Information Technology Agency (2016)
- Alexiei Dingli: “Aligning Operations to Strategy using the Balanced Score Card”: Scholars’ Press (2016)
- Alexiei Dingli, Lalit Garg, Colin Layfield, Matthew Montebello: “Tablets Report”: Tech-Report, March, (2015)
- Alexiei Dingli, Dylan Seychell: “The New Digital Natives: Cutting the chord”: Springer (2015)
- Leonard Busuttil, Liberator Camilleri, Vanessa Camilleri, Alexiei Dingli and Matthew Montebello: “Digital and Video Game Usage in Malta”: Malta Communications Authority, ISBN: 978-99957-0-704-0, (2014)
- David Parsons, Matthew Montebello, Vanessa Camilleri, Alexiei Dingli: Editors of the International Journal of Mobile and Blended Learning (IJMBL), Volume 3, Issue 4, ISSN 19418647, (2011)
- Alexiei Dingli: “Knowledge Annotation: Making Implicit Knowledge Explicit” In Intelligent Systems Reference Library: Springer, ISBN 3642203221, April 2011
- Matthew Montebello, Vanessa Camilleri, Alexiei Dingli: Editors of the mLearn 2010 Proceedings, University of Malta, ISBN 9789993209379, October 2010
- Alexiei Dingli: “Aligning Operations to Strategy”, MBA, Grenoble Business School, France, 2007
- Alexiei Dingli: “Annotating the Semantic Web”, PhD, Faculty of Science, University of Sheffield, UK, 2004
- Alexiei Dingli: “Multiple PLatform Authoring Tool – MULTIPLAT”, BSc IT (Hons), Faculty of Science, University of Malta, Malta, 2001