

Curriculum Vitae

Dr. Thanasis Daradoumis, Professor

Department of Cultural Technology and Communication

University of the Aegean

Thanasis Daradoumis

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1. **Thanasis Daradoumis**

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2. **STUDIES**

- **PHD IN COMPUTER SCIENCE** (in the area of Intelligent Tutoring Systems and Human-Computer Interaction), Faculty of Computer Science, Polytechnic University of Catalonia (UPC), Barcelona, Spain, grade: Cum Laude (1997).
- **CERTIFICATE OF POSTGRADUATE STUDIES IN “DISTANCE LEARNING”**. Open University of Greece (1999).
- **MASTER IN SCIENCES**. University of Illinois-Chicago, USA (1987).
- **BACHELOR IN MATHEMATICS**. Aristoteleian University of Thessaloniki, Faculty of Sciences. Grade “A (8.52)” (1983).
- **LANGUAGES**: Greek, Catalan, Spanish, English: excellent; French: fair.

3. **PROFESSIONAL EXPERIENCE**

• **October 2007 – Present**

Professor at the University of the Aegean, Department of Cultural Technology and Communication, Mytilini, Greece.

○ Courses taught.:

- Introduction to Educational Technology
- Adaptive Educational Hypermedia
- Distance and Life Long Learning
- Collaborative Educational Systems and Communication Models
- Intercultural Communication Competence.
- Cognitive Approaches & Digital Educational Applications
- Special Issues of Educational Technology (MS program in Cultural Informatics)
- Design of Educational Applications (MS program in Cultural Informatics)

- **October 2007 – Present**
Collaborating Professor at the Open University of Catalonia (UOC), Department of Computer Science, Multimedia and Telecommunications, Barcelona, Spain.

- **September 2004 - 2017**
Tutor at the Open University of Greece, Department of Computer Science, Athens, Greece.
 - Teaching the course: Educational Technology.

- **June 1998 – September 2007**
Full-time Professor at the Open University of Catalonia (UOC), Department of Computer Science, Multimedia and Telecommunications, Barcelona, Spain.
 - Academic coordinator of the courses: e-learning, Web Applications for Collaborative Work and Learning, Information Management, Knowledge Management Systems, Project Management, Information Systems Use in Organizations, Software Development Techniques.
 - Academic coordinator of the Master in Business Intelligence (2005-2007)

- **February 1994 – June 1998**
 - **Academic Coordinator** of the Informatics Center as well as of the Self-Learning Department of the Greek Language at the State Foreign Language School of Barcelona, Barcelona, Spain.

- **September 1989 – June 1995**
Lecturer at the Polytechnic University of Catalonia, Department of Computer Science, Barcelona, Spain.
 - Taught the courses: Introduction to Information Systems, Statistics, Computer Technology Applied to Management.

- **January 1988 – June 1988**
Lecturer at the SouthEastern College of Athens, Department of Information Systems, Athens, Greece.
 - Taught the courses: Introduction to Information Systems.

- **September 1985 – June 1987**
Teaching Assistant at the University of Illinois-Chicago, Department of Sciences, Chicago, USA.

- Taught the courses: Applied Mathematics in Economics, Introduction to Computer Systems.
- **September 1984 – June 1985**
 - **Teaching Assistant** at the University of Houston, USA, Department of Applied Mathematics
 - Taught the courses: Algebra, Differential Calculus.

4. RESEARCH ACTIVITY

- February 2008 - 2016: Head of the Research Laboratory of Telematics Applications of the Department of Cultural Technology and Communication (TPTE) of the University of the Aegean.
- 2016 – Present: Member of the Research Group *ICSO-Internet Computing & Systems Optimization* (<http://dpcs.uoc.edu/wordpress/>), at the Open University of Catalonia, Department of Computer Science, Multimedia and Telecommunications.
- 2002 – 2015: Co-director of the Research Group *DPCS-Distributed Parallel and Collaborative Systems*, at the Open University of Catalonia, Department of Computer Science, Multimedia and Telecommunications.
- 2000 – Present: Member of the Internet Interdisciplinary Institute (IN3) Research Center of the Open University of Catalonia, Barcelona, Spain (<http://in3.uoc.edu>).
- 2009 – Present: Member of the eLearn Center research department (<http://elearncenter.uoc.edu/>), a center that belongs to Open University of Catalonia and is dedicated to the investigation, innovation and training for the development of e-learning.
- 2008 – Present: Member of the International scientific network Machine Intelligence Research Labs (MIR Labs) - <http://www.mirlabs.org/>.
- 2019 – 2022: Participation in the Research Project "Allocation methods to improve the quality of service in community-owned systems". Financed by the Spanish Ministry of Economy and Competitiveness. Ref.: PGC2018-097599-B-I00.
- 2015 – 2017: Participation in the Research Network "Smart Transportation, Logistics, and Production". Financed by the Spanish Ministry of Economy and Competitiveness. Ref.: TRA2015-71883-REDT.

- 2014 – 2017: Participation in the Research Program “ComputerCOOP: Computer-based decision support for Horizontal Cooperation in Transportation and Logistics”. Spanish Ministry of Economy and Competitiveness. TRA2013-48180-C3-3-P. Internet Interdisciplinary Institute - IN3.
- 2008 – 2013: Director of the Research Laboratory “*Distance Learning*”, at the University of the Aegean, Department of Cultural Technology and Communication.
- October 2013 – July 2014: Member of the research program “MOOCs at the UOC: A strategy based on the analysis of evidences”. Financed by eLearn Center, Open University of Catalonia (UOC).
- May 2010 - July 2012: Full-time research participation in the European Research Project ALICE (Adaptive Learning via Intuitive/Interactive, Collaborative and Emotional systems), FP7-ICT-2009-5-257639.
- January 2011 – December 2014: Member of the National Research Network CYTED: "HAROSA@IB: “Latin-American network of research groups working on interdisciplinary high-tech issues –such as Distributed Computing, Vehicle Routing Problems, Scheduling and Systems Availability– in order to develop collaborative e-research activities”, funded by the Latin-American Science & Technology Development Program (<http://dpcs.uoc.edu/joomla/index.php/harosaib>).
- September 2009 - September 2012: Member of the HAROSA Knowledge Community, an international network of research groups. Ref.: IN32009-AKC91.
- January 2009 – December 2011: Participation in the Research Innovation Project "eKnowledge: Development and Testing of a Forum Tool to Support Collaborative Knowledge Construction in the UOC Virtual Campus" that was coordinated by the Department of Innovation of the eLearn Center research department of the UOC. The results of the project have been applied in the e-learning course "Managing Organizations and Information Systems Projects".
- January 2009 – December 2009: Coordinator of the Spanish National Research Project “CONTRIBUTORY LEARNING SYSTEMS (COLE)”. TIN2008-01288.
- September 2008 – September 2009: Participation in the Research Project “Development of an Information System for the Tracking, Evaluation and Support of Learning in a Virtual Environment”, financed by the local Catalan Government.
- January 2008 – December 2009: Co-coordinator of the Research Innovation Project

“SAMOS: monitoring group and student activity in online collaborative environments”, funded by IN3 Research Center of the UOC. IN-PID0702.

- January 2007 - December 2010: Participation in the Spanish National Research Network “e-Science”, funded by the Spanish Ministry of Education & Research (MEC). Ref.: CAC-2007-52.
- June 2006 – December 2008: Participation in the Research IST project, Grid4All Self-* Grid: "Dynamic Virtual Organizations for schools", families, and all. Funded by the EU FP6 IST, 2006-2008-034567, in collaboration with the Polytechnic School of Catalonia (UPC).
- September 2006 – December 2008: Participation in the Research I+D+i project Cyted Grid; collaboration between Spanish and South-American Universities. GRID technology as a vehicle for regional development aiming at constructing a Grid network for supporting different application types.
- September 2007 – July 2008: Participation in the Research Project “Cross-sectional activities of Innovation” (ATI-UOC); financed by the Research Center IN3 of the Open University of Catalonia (UOC).). IN-ATI0714.
- January 2006 – December 2007: Participation in the International Research Network I+D+i Thematic Network for the Coordination of Middleware Activities in Grids. Funded by the Spanish Ministry of Education and Research (MEC). Ref.: TIN2005-25849-E.
- December 2005 - December 2008: Coordinator of the UOC Research Sub-Project which forms part of the Spanish National Project “*MosaicLearning: Mobile, open-source, standards-based & secure, context-Aware, individualized, collaborative eLearning*”, with the collaboration of 6 Spanish Universities (UOC, Universidad Carlos III de Madrid, Universidad Autónoma de Madrid, Universidad Nacional de Educación a Distancia, Universidad Castilla la Mancha, Universidad de Valladolid) as well as of some private companies. (TSI2005-08225-C07-05).
- January 2005 - December 2008: Member of the Steering Committee and basic researcher of the European *Kaleidoscope Network of Excellence*, in particular of the Special Interest Group (SIG) “*Learning Grid*”. <http://kaleidoscope.grid.free.fr>, financed by the FP6 European Union Programme (EC/507838).
- September 2006 - December 2008: Participation in the European *Kaleidoscope Network of Excellence*, in particular in the Special Interest Group (SIG) “*Computer Support for*

Collaborative Learning (CSCL)”, financed by the FP6 European Union Programme (EC/507838).

- January 2004 - December 2008: Participation in the Research Project “*Virtual Math Teams Project (VMT)*”, financed by the National Science Foundation (NSF) – USA, NSDL grant #0333493 and IERI grant #0325447.
<http://www.cis.drexel.edu/faculty/gerry/vmt/>.
- January 2002 - January 2004: Participation in the Research Project “*Thematic Network LeGE-WG*”, financed by the FP5 European Union Programme.
- November 2002 – December 2005: Coordinator of the UOC Research Sub-Project which forms part of the Spanish National Project “*GRIPEPEMICOLE: Grid and Peer-to-Peer Middleware for Cooperative Learning Environments*”, with the collaboration of 3 Spanish Universities (UOC, University of Valladolid, Polytechnic University of Catalonia) as well as of some private companies (TIC2002-04258-C03-03).
- November 2000 – November 2002: Participation in the Research Project “*COSACO: Software components for collaborative learning applications*”, with the collaboration of 3 Spanish Universities (UOC, University of Valladolid, Polytechnic University of Catalonia) as well as of some private companies (TIC-2000-2054).
- November 1998 - December 2001: Participation in the Research Project “*TACEV: Collaborative Work and Learning in a Virtual Environment*”, financed by the International Research Institute (IN3) of the Open University of Catalonia.
- November 1998 - December 2000: Participation in the Research Project “*WeMeet*”, with the collaboration of several European Universities; financed by the FP4 European Union Program.

5. RESEARCH INTERESTS

- Emotional Intelligence, Alternative (Holistic) Education, Learning Analytics, E-learning, Collaborative, Affective and Adaptive Systems, CSCL.

Reviewer in International Scientific Journals

- International Review of Research in Open and Distributed Learning (2017+)
- Computers in Human Behavior (2016+)
- Computers & Education (2015+)

- Int. J. of Educational Technology in Higher Education (2015+)
- Culture and Education (2019+)
- Information Technology for Development (2014)
- International Journal on Artificial Intelligence Tools (2013+)
- International Journal on Interactive Learning Environments (2013)
- International Journal of Emerging Technologies in Learning (2013, 2014)
- International Journal of Continuing Engineering Education and Life-long Learning (2013, 2016)
- Journal of Educational Technology & Society (2012+)
- Journal of Computer Applications in Engineering Education (2012)
- Journal of Computer Assisted Learning (2012)
- Journal of eCollaboration (2011)
- Journal of IEEE Transactions on Learning Technologies (2008)
- International Journal of Human Computer Studies (2007)

Member of Program Committees

- Institutional responsibilities: Member of the evaluation committee of the UOC doctoral program in e-learning (2018+)
- Executive Peer-Reviewers of the Journal of Educational Technology & Society (2012+)
- Reviewers Board of the Journal of Digital Information Management (2007+)
- International Advisory Board of the book series “Contemporary Approaches to Research in Learning Innovations” (2007).
- Incorporation into the Register of Experts under the Erasmus + European Program for Education and Training, IKY (2015+).
- Assessor/expert for the evaluation of Horizon 2020 proposals, project monitoring and program evaluation - expert Id: EX2013D144924 (2014+).
- External assessor/expert for the evaluation of Erasmus+ project applications (education and training) on Key Action 2 of the National Unit of Erasmus+ Belgium (2014+).
- Official evaluator of ANEP (Spanish National Agency for the Evaluation of National Research Programs). (2010+).
- Assessor/expert for the evaluation of project proposals for the program FONDECYT Initiation into Research 2017, of the Chilean National Science and Technology Commission (CONICYT), Chile (2017).
- Invited to review National Research project proposals of the Estonian Research Council (ETAg), Estonia (2017).
- Invited to review National Research project proposals of the National Center of Science and Technology Evaluation, Kazakhstan (2014).

- Steering Committee of the European Kaleidoscope Network of Excellence, in particular of the Special Interest Group (SIG) «Learning Grid». <http://grid.noe-kaleidoscope.org/>. From 2005 - 2008.
- Organizational and Program Committee of the 1st Workshop of the Learning GRID SIG on Distributed e-Learning Environments, Vico Equense, Napoli, Italy, March 14, 2005.
- Program Committee of the International Workshop on Groupware (CRIWG). From 2006 - 2008.
- Program Committee of the IRMA International Conference: Managing Worldwide Operations and Communications with Information Technology. From 2007 - 2008.
- Program Committee of the International Workshop “Ontologies and Semantic Web Services for E-Learning” (SWEL). From 2007 - 2008.
- Program Committee of the International Conference on Intelligent Systems Design and Applications (ISDA). From 2007 - 2008.
- Program Committee of the International Conference on Next Generation Web Services Practices (NWeSP). From 2007 - 2008.
- Organizer and Workshop Chair of the 1st International Workshop on Collaborative System Design and Applications, Rio de Janeiro, Brazil, October 22-24, 2007
- Organizer and Workshop Chair of the International Workshop on Collaborative e-Learning Systems and Applications (CESA). From 2008 - 2010.
- Program Committee of the International Conference on Network-Based Information Systems (NBIS). From 2008 - 2009.
- Program Committee of the IEEE International Conference on Hybrid Intelligent Systems (HIS). From 2008 - 2009.
- Program Committee of the IEEE International Conference on Advanced Information Networking and Applications (AINA). From 2008 - 2010.
- Program Committee of the IEEE/ACM International Conference on Soft Computing as Transdisciplinary Science and Technology (CSTST). From 2008 - 2010.
- Program Committee of the IEEE International Conference on Hybrid Intelligent Systems (HIS). From 2008 - 2009.
- Publicity Chair of the 1st International Conference on Intelligent Networking and Collaborative Systems (INCoS 2009). Programme Committee Chair of the special track “Intelligent collaborative systems for work and learning”.
- Co-organizer of the International Workshop on Adaptive Systems for Collaborative Learning (IWASCL), 2009.
- Program Committee of the International ACM conference on Management of Emergent Digital EcoSystems (MEDES). From 2008 - now.
- Program Committee of the IEEE International Conference on Complex, Intelligent and Software Intensive Systems (CISIS). From 2008 - now.

- Program Committee of the IEEE International Conference on Intelligent Networking and Collaborative Systems (INCoS). From 2009 - now.
- Program Committee of the International Workshop on Adaptive Systems for Collaborative Learning (IWASCL). From 2009 - now.
- PhD Forum Chair of the 2nd International Conference on Intelligent Networking and Collaborative Systems (INCoS 2010)
- Program Committee of the International Conference on Computer Supported Education (CSEDU). From 2010 - now.
- Program Committee of the International Workshop on Adaptive Learning via Interactive, Collaborative and Emotional approaches (ALICE). From 2011 – now.
- Program Committee of the World Congress on Information and Communication Technologies (WICT). From 2011 – now.
- Program Committee of the Moodle Research Conference (MRC). From 2012 - now.
- Award Chair of the 4th International Conference on Intelligent Networking and Collaborative Systems (INCoS 2012)
- Chair of the Track “Methodology, Analysis & Sustainability of Intelligent Networking and Collaborative Systems” of the 4th International Conference on Intelligent Networking and Collaborative Systems (INCoS 2012).
- International Liaison Chair of the 5th International Conference on Intelligent Networking and Collaborative Systems (INCoS 2013).
- Chair of the Track “Intelligent Collaborative Systems for Work and Learning, Virtual Organization and Campuses” of the 5th International Conference on Intelligent Networking and Collaborative Systems (INCoS 2013, INCoS 2014).
- Program Committee of the IEEE International Conference on Advanced Learning Technologies (ICALT from 2014 - now).

Direction of PhD Dissertations

PhD Dissertations completed:

1. Alexander Amigud. “A Computational Academic Integrity Framework”. IN3 Research Institute, Network and Information Technologies Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Date of Defense: 16/01/2018.
2. Marta Arguedas Lafuente. " The Role of a Virtual Affective Tutor in Managing Emotions during Learning Interactions", eLearn Center (eLC), Education and ICT (e-learning) Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Date of Defense: 17/11/2016.

3. Néstor Mora Núñez. "A Multi-fold Assessment Framework for Virtualized Collaborative and Social Learning Scenarios", Department of Computer Science, Multimedia and Telecommunications, Network and Information Technologies Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Date of Defense: 28/10/2016.
4. Gutiérrez, G. "A Semantic Description Model for the Development and Evaluation of Grid-based, Innovative, Ubiquitous and Pervasive Learning Scenarios", Internet Interdisciplinary Institute (IN3 Research Institute), Information and Knowledge Society Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Date of Defense: 19/01/2016.
5. Feidakis, M. "A Computational Model to Embed Emotion Awareness into e-Learning Environments", University of the Aegean, Department of Cultural Informatics, Mytilene, Greece, and Open University of Catalonia, Network and Information Technologies Doctoral Programme, Barcelona, Spain (under a Collaboration Agreement for Joint Doctorate Supervision and Provision of PhD Diploma). Date of Defense: 21/10/2013.
6. Casillas, L. "A multi-agent approach for managing the knowledge underlying learning interactions in virtual collaborative environments", Internet Interdisciplinary Institute (IN3 Research Institute), Information and Knowledge Society Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Date of Defense: 19/07/2010.
7. Stavropoulos N. "Digital Teaching in Higher Education and the Role of Greek Academic Libraries", University of the Aegean, Department of Cultural Informatics, Mytilene, Greece. Date of Defense: 25/06/2009.
8. Caballé, S. "A Generic Platform based on SOA and Grid for the Systematic Construction of Virtual Collaborative Learning Environments", Internet Interdisciplinary Institute (IN3 Research Institute), Information and Knowledge Society Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Date of Defense: 17/09/2008.

PhD Dissertations under realization:

1. Eirini Dellatola. "Orchestrating Context-Aware Computer-Supported Collaborative Learning (CSCL) Structures in Foreign Language Classrooms". Internet Interdisciplinary Institute (IN3 Research Institute), Information and Knowledge Society Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Expected date of completion: 2021.
2. Sandra Isabel Enciso Galindo. "Diseño e implementación de un esquema blended como apoyo a la formación inicial de estudiantes de medicina: la resolución de problemas como estrategia para el aprendizaje efectivo de la bioquímica". eLearn Center (eLC), Education and ICT (e-learning) Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Expected date of completion: 2021.

3. Eirini Malegiannaki. "Playful interactive storytelling as a method of transmission of cultural content". University of the Aegean, Department of Cultural Informatics, Mytilene, Greece. Expected date of completion: 2021.
4. Sandhya Gunness. The Future of Universities in Developing Countries through Horizontal Collaborative Innovation Networks and Open Access Policies: The case of the University of Mauritius. IN3 Research Institute, Network and Information Technologies Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Expected date of completion: 2022.
5. Xanthippi Tsortanidou. "A social-emotional educational framework for transforming education: developing emotional intelligence and media competency through imagination-based pedagogies supported by technology in Primary and Secondary Education settings". eLearn Center (eLC), Education and ICT (e-learning) Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. PhD grant holder. Expected date of completion: 2021.
6. Brenda Janot. "Envisioning the Cultivation of Steiner Waldorf Education in a Digitized Society". eLearn Center (eLC), Education and ICT (e-learning) Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Expected date of completion: 2023.
7. Elissavet Gkimitzoudi. "Transforming schools to live and effective Learning Organizations: Developing an educational framework based on Neuroeducation, Socio-emotional Education and Waldorf Education". Internet Interdisciplinary Institute (IN3 Research Institute), Information and Knowledge Society Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Expected date of completion: 2023.
8. Emmanouil Mavrelou. "Discovering the relationship of Neuroscience with Waldorf-Steiner pedagogy through the Theory of Multiple Intelligences". University of the Aegean, Department of Cultural Informatics, Mytilene, Greece. Expected date of completion: 2023.
9. Stéphanie García Senín. "Integrating insights from educational neuroscience, socio-emotional learning and imaginative pedagogies into a novel transformative educational paradigm in a digitized society". eLearn Center (eLC), Education and ICT (e-learning) Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Expected date of completion: 2024.
10. Jose Quiroga Perez. "Re-Discovering the use of chatbots in Education". IN3 Research Institute, Network and Information Technologies Doctoral Programme, Open University of Catalonia (UOC), Barcelona, Spain. Expected date of completion: 2024.

External Evaluator of PhD Dissertations:

Invited by the University Doctorate Board as an expert in the field of *e-learning* for the evaluation of the following PhD theses:

- Daniel Treceño Fernández: “Web Simulator of Magnetic Resonance as an Educational Tool: Design, Development and Evaluation”. University of Valladolid, Spain. September 2019.
- Salem Alkhalaf: “Creating Effective Collaborative e-Learning Systems for Higher Education in Saudi Arabia”, Griffith University, School of Information and Communication Technology, Nathan, Qld, Australia. February 2013.
- Carlos Alario Hoyos: “GLUE!: An Architecture for the Integration of External Tools in Virtual Learning Environments”, University of Valladolid, School of Telecommunication Engineering, Valladolid, Spain. June 2012.

6. PUBLICATIONS

6.1 Editor of Scientific Books and Research Journals

1. Juan, A., Loch, B., Ventura, S. & Daradoumis, T. (Eds.) (2017): Games and Simulation in Higher Education. Special Issue of the *International Journal of Educational Technology in Higher Education*, Springer-Verlag, ISSN: 2365-9440, indexed by Scopus, CiteScore 1.33, Q1 Education, Q2 Computer Sciences Applications.
2. Daradoumis, T., Demetriades, S., and Xhafa, F. (Eds.) (2012): *Intelligent Adaptation and Personalization Techniques in Computer-Supported Collaborative Learning*. Studies in Computational Intelligence, Volume 408, Springer-Verlag, Berlin-Heidelberg, 336 pp. ISBN: 978-3-642-28585-1, March 2012. [indexed in SCOPUS 2012 SJR = 0.231, 4th Quartile in ARTIFICIAL INTELLIGENCE area].
3. Juan, A., Daradoumis, T., Roca, M., Grasman, S., Faulin, J. (Eds.) (2012): *Collaborative and Distributed E-Research: Innovations in Technologies, Strategies, and Applications*. IGI Global, Hershey, Pennsylvania, USA. 417 pp., ISBN: 978-1-46660-125-3, February 2012. [indexed in SCOPUS].
4. Caballé, S. and Daradoumis, T. (Eds.) (2011). *Intelligent Networking: New Opportunities for Effective Time Management in e-Learning Settings*, eLC Research Paper Series, Issue 3. eLearn Center, Open University of Catalonia (UOC), Barcelona, Spain. 72 pp., ISSN: 2013-7966, November 2011.
5. Daradoumis, T., Caballé, S., Juan, A., Xhafa, F. (Eds.) (2011): *Technology-Enhanced Systems and Tools for Collaborative Learning Scaffolding*, Studies in Computational Intelligence, Volume 350, Springer-Verlag, Berlin-Heidelberg, 312 pp. ISBN: 978-3-642-19813-7, April 2011. [indexed in SCOPUS 2011 SJR = 0.199, 4th Quartile in ARTIFICIAL INTELLIGENCE area].
6. Xhafa, F., Caballé, S., Abraham, A., Daradoumis, T. and Juan, A. (Eds.) (2010). *Computational Intelligence for Technology Enhanced eLearning*, Studies in Computational Intelligence, Volume 273, Springer-Verlag, Berlin-Heidelberg, 250 pp. ISBN: 978-3-642-11223-2, March 2010. [indexed in SCOPUS 2010 SJR = 0.194, 4th Quartile in ARTIFICIAL INTELLIGENCE area].
7. Daradoumis T., Caballé, S., Marquès J.M., and Xhafa, F. (Eds.) (2009). *Intelligent*

- Collaborative e-Learning Systems and Applications*, Studies in Computational Intelligence, Volume 246, Springer-Verlag, Berlin-Heidelberg, 190 pp. ISBN 978-3-642-04000-9, October 2009. [indexed in SCOPUS 2009 SJR = 0.153, 4th Quartile in ARTIFICIAL INTELLIGENCE area].
8. Juan, A.; Daradoumis, A.; Xhafa, F.; Caballe, S.; Faulin, J. (Eds.) (2009): *Monitoring and Assessment in Online Collaborative Environments: Emergent Computational Technologies for E-Learning Support*. IGI Global, Hershey, Pennsylvania, USA. 324 pp., ISBN: 978-1-60566-786-7, August 2009.
 9. Caballé, S., Xhafa, F., Daradoumis, T., Juan, A. A. (Eds.) (2009). *Architectures for Distributed and Complex M-Learning Systems: Applying Intelligent Technologies*. Hershey, PA, USA: IGI Global. 417 pp., ISBN: 978-1-60566-882-6, October 2009.
 10. Daradoumis T. (1997). An Integrated Approach to Modelling Tutorial Dialogues under an Overall Rhetorical Structure. *Doctoral Dissertation*, Universitat Politècnica de Catalunya, Barcelona 1997, Excellent Cum Laude.

6.2 Chapters in Scientific Books (22)

1. Dellatola, E., Daradoumis, T. and Dimitriadis, Y. (2020). Exploring students' engagement within a collaborative inquiry-based language learning activity in a blended environment. In S. Yu, M. Ally & A. Tsinakos (Eds.), *Emerging Technologies and Pedagogies in the Curriculum Bridging Human and Machine: Future Education with Intelligence* (pp. 355-375). Springer, Singapore.
2. Amigud, A., Daradoumis, T., Arnedo-Moreno, J. and Guerrero-Roldán, A. (2018). A Procedural Learning and Institutional Analytics Framework. In: Caballé S., Conesa J. (eds.) *Software Data Engineering for Network eLearning Environments: Analytics and Awareness Learning Services*, Lecture Notes on Data Engineering and Communications Technologies, vol 11. Springer, Cham, DOI: 10.1007/978-3-319-68318-8_2, ISBN: 978-3-319-68317-1, pp. 27-46.
3. Casillas, L.A., Daradoumis, T. and Caballé, S. (2016). A Network Analysis Method for Tailoring Academic Programs. *Advanced Methods for Complex Network Analysis*. A volume in the Advances in Wireless Technologies and Telecommunication (AWTT) Book Series, IGI Global Publishing, April 2016,

- Hershey, Pennsylvania, USA, Meghanathan, N. (Eds.), ISBN: 1466699647, DOI: 10.4018/978-1-4666-9964-9.ch017, pp. 405-426.
4. Daradoumis, T. and Arguedas, M. (2013). Studying the Suitability of Discourse Analysis Methods for Emotion Detection and Interpretation in Computer-mediated Educational Discourse. *Innovative Methods and Technologies for Electronic Discourse Analysis*. IGI Global Publishing, 2014, Hershey, Pennsylvania, USA, Ling, H. and Sudweeks, F. (Eds.), ISBN: 978-1-4666-4426-7, accessed May 09, 2013, pp. 119-143.
 5. Casillas, L.A., and Daradoumis, T. (2012). An Ontological Structure for Gathering and Sharing Knowledge among Scientists through Experiment Modelling. *Collaborative and Distributed e-Research: Innovations in Technologies, Strategies and Applications*. IGI Global Publishing, Hershey, Pennsylvania, USA, Angel, J. et al (Eds.), ISBN: 978-1-46660-125-3, February 2012, pp. 165-179.
 6. Daradoumis, T. and Kordaki, M. (2011). Employing Collaborative Learning Strategies and Tools for Engaging University Students in Collaborative Study and Writing. *Techniques for Fostering Collaboration in Online Learning Communities: Theoretical and Practical Perspectives*. Pozzi, F. and Persico, D. (Eds). IGI Global Publishing, Hershey, Pennsylvania, USA. ISBN: 978-1-61692-898-8. January 2011, pp. 183-205.
 7. Kordaki, M., Siempos, H. and Daradoumis, T. (2011). Collaborative learning design within open source e-learning systems: lessons learned from an empirical study. *E-Infrastructures and Technologies for Lifelong Learning: Next Generation Environments*. Magoulas, G. (Ed.). IGI Global Publishing, Hershey, Pennsylvania, USA. ISBN: 978-1-61520-983-5, May 2011, pp. 212-233.
 8. Gutiérrez-Carreón, G., Daradoumis, T. and Jorba, J. (2007). Semantic Description and Matchmaking of Learning Grid Services. *The Learning Grid Handbook*. S. Salerno, et al. (Eds). Chp. 3 (pp. 37-54). Amsterdam, The Netherlands: IOS Press, ISBN: 978-1-58603-829-8.
 9. Caballe, S., Xhafa, F. and Daradoumis, T. (2007). A Grid Approach to Efficiently Embed Information and Knowledge into Collaborative Learning Applications. In: *The Learning Grid Handbook*. S. Salerno, et al. (Eds). Chp. 11 (pp. 173-197). Amsterdam, The Netherlands: IOS Press, ISBN: 978-1-58603-829-8.

10. Caballé, S., Daradoumis, T. and Xhafa, F. (2007). A Generic Platform for the Systematic Construction of Knowledge-based Collaborative Learning Applications. *Architecture Solutions for e-Learning Systems*. Pahl, C. (Eds). Idea Group Inc (IGI), Hershey, PA, USA, ISBN: 978-1-59904-633-4, Chp. XII, pp. 219-242.
11. Caballé, S., Xhafa, F. and Daradoumis, T. (2007). A Service-oriented Platform for the Enhancement and Effectiveness of the Collaborative Learning Process in Distributed Environments. International Conference on Grid computing, high-performance and Distributed Applications (GADA'07). *Lecture Notes in Computer Science (LNCS 4804)*. R. Meersman and Z. Tari et al. (Eds.): OTM 2007, Part II. Springer-Verlag Berlin Heidelberg, ISBN: 978-3-540-76835-7, pp. 1280-1287.
12. Gutiérrez-Carreón, G., Daradoumis, T., and Jorba, J. (2007). A Conceptual Model for Grid Learning Services Automatic Composition. International Conference on Grid computing, high-performance and Distributed Applications (GADA'07). *Lecture Notes in Computer Science (LNCS 4805)*. R. Meersman and Z. Tari et al. (Eds.): OTM 2007, Part I. Springer-Verlag Berlin Heidelberg, ISBN: 978-3-540-76887-6, pp. 40-41.
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14. Caballé, S., Daradoumis, T. and Xhafa, F. (2007). Efficient Embedding of Information and Knowledge into CSCL Applications. *Lecture Notes in Computer Science (LNCS 4469)*. *Technologies for E-Learning and Digital Entertainment*. Hui et. al. (Eds.). Springer-Verlag Berlin Heidelberg, ISBN: 978-3-540-73010-1, pp. 548-559.
15. Caballé, S., Xhafa, F., Daradoumis, T., Fernandez, R. (2007). Enabling Efficient Real Time User Modeling in On-line Campus. *Lecture Notes in Artificial Intelligence (LNAI 4511)*. C. Conati, K. McCoy, and G. Paliouras (Eds.): UM 2007. Springer-Verlag Berlin Heidelberg, ISBN: 978-3-540-73077-4, pp. 375–379.

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17. Daradoumis, T. and Casillas, L.A. (2006). A Neural Approach for Modeling the Inference of Awareness in Computer-Supported Collaboration. *Lecture Notes in Computer Science (LNCS 4227). Innovative Approaches for Learning and Knowledge Sharing*. W. Nejdl and K. Tochtermann (Eds.). Springer-Verlag Berlin Heidelberg, ISBN: 3-540-45777-1, pp. 464 – 469.
18. Gutiérrez-Carreón, G., Daradoumis, T., and Jorba, J. (2006). Semantic Description of Grid Based Learning Services. *Lecture Notes in Computer Science (LNCS 4331). Frontiers of High Performance Computing and Networking – ISPA 2006 Workshops*. G. Min et al. (Eds.). Springer-Verlag Berlin Heidelberg, ISBN: 978-3-540-49860-5, pp. 509 – 518.
19. Daradoumis T., and Xhafa, F. (2005). Problems and Opportunities of Learning together in a Virtual Learning Environment. In: *Computer-Supported Collaborative Learning in Higher Education*, Chapter 11. Roberts, T. S. (Eds). Idea Group Press, Hershey, PA, USA, ISBN: 1-59140-408-8, pp. 218-233.
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21. Daradoumis T. (1996). Towards a Representation of the Rhetorical Structure of Interrupted Exchanges. *Lecture Notes in Artificial Intelligence (LNAI 1036). Trends in Natural Language Generation: An Artificial Intelligence Perspective*. Adorni, G. and Zock, M. (Eds). Heidelberg-Berlin: Springer-Verlag, ISBN: 3-540-60800-1, pp. 106-124, 1996.
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6.3 Papers in Peer-reviewed International Journals Indexed in ISI / SSCI (25 articles)

1. Daradoumis, T., & Arguedas, M. (2020). Cultivating Students' Reflective Learning in Metacognitive Activities through an Affective Pedagogical Agent. *Educational Technology & Society*, 23 (2), 19–31. [indexed in ISI SSCI, 2018 IF = 2.133, **Q1** in EDUCATION & EDUCATIONAL RESEARCH area]
2. Tsortanidou, X., Daradoumis, T., & Barberá, E. (2020). Convergence among imagination, social-emotional learning and media literacy: an integrative literature review, *Early Child Development and Care*, DOI: 10.1080/03004430.2020.1753720. [indexed in ISI SSCI, 2019 IF = 0.968, **Q4** in EDUCATION & EDUCATIONAL RESEARCH area]
3. Marquès, J. M., Daradoumis, T., Calvet, L. & Arguedas, M. (2020). Fruitful Student Interactions and Perceived Learning Improvement in DSLab: a Dynamic Assessment Tool for Distributed Programming. *British Journal of Educational Technology*, 51(1), 53–70. doi:10.1111/bjet.12756. [indexed in ISI SCI/SSCI, 2018 IF = 2.588 **Q1** (7/235) in EDUCATION AND EDUCATIONAL RESEARCH area].
4. Daradoumis, T., Marquès, J. M., Arguedas, M. & Calvet, L. (2019). Analyzing students' perceptions to improve the design of an automated assessment tool in online distributed programming. *Computers & Education*, 128, 159-170. ISSN: 0360-1315. Elsevier. <https://doi.org/10.1016/j.compedu.2018.09.021>. [indexed in ISI SCI/SSCI, 2018 IF = 5.627, **Q1** in EDUCATION AND EDUCATIONAL RESEARCH, COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS areas].
5. Amigud, A., Arnedo-Moreno, J., Daradoumis, T. & Guerrero-Roldán, A. (2018)*. An Integrative Review of Security and Integrity Strategies in an Academic Environment: Current Understanding and Emerging Perspectives. *Computers & Security*, ISSN: 0167-4048, doi: 10.1016/j.cose.2018.02.021, 76 (July 2018), 50–70. [indexed in ISI SCI, 2018 IF = 3.062, **Q2** in COMPUTER SCIENCE, INFORMATION SYSTEMS areas].

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6. Arguedas, M., Xhafa, F., Casillas, L., Daradoumis, T., Peña, A. and Caballé, S. (2018). A model for providing emotion awareness and feedback using fuzzy logic in online learning. *Soft Computing*, 22(2018), 963–977. ISSN: 1432-7643. Springer. Published online 20 October 2016. DOI 10.1007/s00500-016-2399-0. <http://rdcu.be/w2W9> [indexed in ISI SCI, 2018 IF = 2.784, Q2 in COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE & INTERDISCIPLINARY APPLICATIONS areas].
7. Amigud, A., Arnedo-Moreno, J., Daradoumis, T. & Guerrero-Roldán, A. (2017)*. Using Learning Analytics for Preserving Academic Integrity. *International Review of Research in Open and Distributed Learning (IRRODL)*, 18(5), August 2017, 192-210. ISSN: 1492-3831, Athabasca University. [indexed in ISI SSCI, 2016 IF = 1.734, Q1 in EDUCATION AND EDUCATIONAL RESEARCH area]
8. Malegiannaki, I. and Daradoumis, T. (2017). Analyzing the educational design, use and effect of spatial games for cultural heritage: a Literature Review. *Computers & Education*, 108 (May 2017), 1-10. ISSN: 0360-1315. Elsevier, doi: 10.1016/j.compedu.2017.01.007. [indexed in ISI SCI/SSCI, 2017 IF = 4.538, Q1 (7/235) in EDUCATION AND EDUCATIONAL RESEARCH, COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS areas].
9. Arguedas, M., Daradoumis, T. and Xhafa, F. (2016). Analyzing the effects of emotion management on time and self-management in computer-based learning. *Computers in Human Behavior (CHB)*, 63, 517-529. ISSN: 0747-5632. Elsevier, doi: 10.1016/j.chb.2016.05.068, October 2016. [indexed in ISI/SSCI, 2016 IF = 3.435, Q1 (15/128) in PSYCHOLOGY, MULTIDISCIPLINARY areas].
10. Arguedas, M., Daradoumis, T. and Xhafa, F. (2016). Analyzing how emotion awareness influences students' motivation, engagement, self-regulation and learning outcome. *Educational Technology & Society*, Special Issue on "Intelligent and Affective Learning Environments: New Trends and Challenges", ISSN: 1176-3647, 19 (2), 87-103. [indexed in ISI SSCI, 2016 IF = 1.584, Q2 in EDUCATION & EDUCATIONAL RESEARCH area].
11. Gutiérrez-Carreón, G., Daradoumis, T. and Jorba, J. (2015). Integrating learning

services in the Cloud: An approach that benefits both systems and learning. *Educational Technology & Society*, ISSN: 1436-4522, 18 (1), 145-157. [indexed in ISI SSCI, 2015 IF = 1.104, Q2 in EDUCATION & EDUCATIONAL RESEARCH area].

12. Caballé, S., Mora, N., Feidakis, M., Gañán, D., Conesa, J., Daradoumis, T. and Prieto, J. (2014). CC-LR: Providing Interactive, Challenging and Attractive Collaborative Complex Learning Resources. *Journal of Computer Assisted Learning (JCAL)*, 30(1), 51–67, Wiley, USA, doi: 10.1111/jcal.12021, ISSN: 0266-4909, [indexed in ISI/SSCI, 2014 IF = 1.360 Q1, in EDUCATION & EDUCATIONAL RESEARCH areas].
13. Feidakis, M., Daradoumis, T., Caballé, S., Conesa, J., & Gañán, D., (2013). A Dual-Modal System that Evaluates User’s Emotions in Virtual Learning Environments and Responds Affectively. *Journal of Universal Computer Science (JUCCS)*, vol. 19, no. 11, Verlag der Technischen Universität Graz, ISSN: 0948-695X, 1638-1660. [indexed in ISI SCI, 2013 IF = 0.401, Q4 in COMPUTER SCIENCE, THEORY & METHODS areas].
14. Snášel, V., Abraham, A., Martinovic, J., Dráždilová, P., Slaninová, K., Daradoumis T., Xhafa, F. and Martínez A. (2012). E-Assessment of Individual and Group Learning Processes. *Journal of Computational and Theoretical Nanoscience*. American Scientific Publishers: USA, ISSN: 1546-1955, Vol. 9, No. 2, 2012, DOI: 10.1166/jctn.2012.2023, pp. 286-303. [indexed in ISI/SCI, 2012 IF = 0.673, Q3 in MATERIALS SCIENCE, MULTIDISCIPLINARY areas].
15. Caballé, S., Gañán, D. Dunwell, I., Pierri, A., Daradoumis, T. (2012). CC-LO: Embedding Interactivity, Challenge and Empowerment into Collaborative Learning Sessions. *Journal of Universal Computer Science (JUCCS)*, vol. 18, no. 1, Verlag der Technischen Universität Graz, ISSN: 0948-695X, DOI: 10.3217/jucs-017-01-0025, pp. 25-43. [indexed in ISI/SCI, 2012 IF = 0.762, Q3 in COMPUTER SCIENCE, THEORY & METHODS areas].
16. Marques, J.; Juan, A.; Perez, A.; Daradoumis, T.; Lázaro, D.; Mondejar, R. (2012): “Using a real Internet-scale environment for protocol testing in undergraduate courses: students’ behavior and feedback”. *International Journal of Electrical Engineering Education (IJEEE)*, Issue 49/1, Manchester University Press: UK,

ISSN: 0020-7209, DOI: 10.7227/IJEEE.49.1.6, pp. 74-87 [indexed in **ISI SCI**, 2012 IF = 0.041, **Q4** in EDUCATION, SCIENTIFIC DISCIPLINES areas].

17. Antonis, K., Daradoumis, T., Papadakis, S. and Simos, Ch. (2011). Evaluation of the Effectiveness of a Web-based Learning Design for Adult Computer Science Courses. *IEEE Transactions on Education*. ISSN: 0018-9359. IEEE Education Society, Vol. 54, No. 3, August 2011, DOI: 10.1109/TE.2010.2060263, pp. 374-380. [indexed in **ISI/SCI/SSCI**, 2011 IF = 1.021, **Q2** in EDUCATION, SCIENTIFIC DISCIPLINES & ENGINEERING areas].
18. Caballé, S., Daradoumis, T., Xhafa X., Juan, A. (2011). Providing Effective Feedback, Monitoring and Evaluation to On-line Collaborative Learning Discussions. *Computers in Human Behavior (CHB)*, Vol. 27, No. 4. ISSN: 0747-5632. Elsevier, DOI: 10.1016/j.chb.2010.07.032, pp. 1372-1381. [indexed in **ISI/SSCI**, 2011 IF = 2.293, **Q1** in PSYCHOLOGY, MULTIDISCIPLINARY areas].
19. Caballé, S., Daradoumis, T., Xhafa, F., Conesa, J. (2010). Enhancing Knowledge Management in Online Collaborative Learning. *International Journal of Software Engineering and Knowledge Engineering (IJSEKE)*, Vol. 20, No. 4, ISSN: 0218-1940, DOI: 10.1142/S0218194010004839, pp. 485-497. World Scientific [indexed in **ISI/SCI**, 2010 IF = 0.248, **Q4** in COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE, SOFTWARE ENGINEERING areas].
20. Xhafa, F., Barolli, L., Daradoumis T., Fernández, R., and Caballé, S. (2009). Jxta-Overlay: An interface for Efficient Peer Selection in P2P JXTA-based Systems. *International Journal on Computer Standards & Interfaces*, Special Issue in "Specification, Standards and Information Management for Distributed Systems", Volume 31, Issue 5. Elsevier, September 2009, ISSN: 0920-5489, DOI: 10.1016/j.csi.2008.03.015, pp. 886-893. [indexed in **ISI/SCI**, 2009 IF = 1.373, **Q2** in COMPUTER SCIENCE, HARDWARE & ARCHITECTURE, SOFTWARE ENGINEERING areas].
21. Marquès J.M., Vilajosana, X., Daradoumis, T. and Navarro, L. (2007). LaCOLLA: Middleware for Self-Sufficient Online Collaboration. *IEEE Internet Computing*, IEEE Computer Society Publications, Los Alamitos, California, ISSN: 1089-7801, vol. 11, no. 2, DOI: 10.1109/MIC.2007.43, pp. 56-64, Mar/Apr 2007. [indexed in

- ISI/SCI, 2007 IF = 1.551, **Q1** (5/103) in COMPUTER SCIENCE, SOFTWARE ENGINEERING areas. SCOPUS – 2007 SJR: 0.07 Q1 [Computer Graphics and Computer-Aided Design; Q1 Software].
22. Daradoumis T., Martínez A., and Xhafa, F. (2006). A Layered Framework for Evaluating Online Collaborative Learning Interactions. *International Journal of Human-Computer Studies*. Special Issue on “Theoretical and Empirical Advances in Groupware Research”, Academic Press: Elsevier Ltd., ISSN: 1071-5819, Volume 64, Issue 7, July 2006, DOI: 10.1016/j.ijhcs.2006.02.001, pp. 622-635. [indexed in ISI/SCI, 2007 IF = 1.364, 5-Year IF = 2.052, **Q1** in COMPUTER SCIENCE, CYBERNETICS areas].
 23. Caballé, S., Paniagua, C., Xhafa, F., and Daradoumis, T. (2005). A Grid-aware Implementation for Providing Effective Feedback to On-line Learning Groups. *Lecture Notes in Computer Science (LNCS 3762)*. *On the Move to Meaningful Internet Systems: Grid Computing and its Application to Data Analysis*. R. Meersman et al. (Eds.). Springer-Verlag Berlin Heidelberg, ISBN: 3-540-29739-1, pp. 274 – 283, [indexed in ISI SCI, 2005 IF = 0.402, **Q4** in COMPUTER SCIENCE, THEORY & METHODS areas].
 24. Xhafa, F., Caballé, S., Daradoumis, T., and Zhou, N. (2004). A Grid-Based Approach for Processing Group Activity Log Files. *Lecture Notes in Computer Science (LNCS 3292)*. *On the Move to Meaningful Internet Systems: Grid Computing and its Application to Data Analysis*. R. Meersman, et. al. (Eds.). Heidelberg-Berlin: Springer-Verlag, ISBN: 3-540-23664-3, pp. 175-186, [indexed in ISI SCI, 2004 IF = 0.513, **Q4** in COMPUTER SCIENCE, THEORY & METHODS areas].
 25. Daradoumis T., Martínez A., and Xhafa, F. (2004). An Integrated Approach for Analysing and Assessing the Performance of Virtual Learning Groups. *Lecture Notes in Computer Science (LNCS 3198)*. *Groupware: Design, Implementation, and Use*. G.-J. de Vreede et al. (Eds.). Heidelberg-Berlin: Springer-Verlag, ISBN: 3-540-23016-5, pp. 289-304, [indexed in ISI SCI, 2004 IF = 0.513, **Q4** in COMPUTER SCIENCE, THEORY & METHODS areas].

6.4 Papers published in journals indexed in Scopus (21 articles)

1. Tsortanidou, X., Daradoumis, T. and Barberá, E. (2019). Connecting moments of creativity, computational thinking, collaboration, and new media literacy skills. *Journal of Information and Learning Sciences*, 120(11/12), 704-722. <https://doi.org/10.1108/ILS-05-2019-0042>. [indexed in SCOPUS 2018 SJR = 0.522, Q2 in EDUCATION, COMPUTER SCIENCE APPLICATIONS areas].
2. De Armas, J., Daradoumis, T., Economides, A. and Juan, A. (2019). Horizontal Cooperation Practices in Internet-based Higher Education, Computational Logistics, and Telecommunications. *Journal of Computer Science*, 15(1), 197-206. ISSN: 1552-6607, DOI : 10.3844/jcssp.2019.197.206. [indexed in SCOPUS 2018 SJR = 0.162, Q4 in ARTIFICIAL INTELLIGENCE, COMPUTER NETWORKS AND COMMUNICATIONS, SOFTWARE areas].
3. Juan, A., Loch, B., Daradoumis, T. and Ventura, S. (2017). Games and simulation in higher education. *International Journal of Educational Technology in Higher Education* (October 2017), 14:37. ISSN: 2365-9440, doi: 10.1186/s41239-017-0075-9. [indexed in SCOPUS 2016 SJR = 0.425, Q2 in EDUCATION, COMPUTER SCIENCE APPLICATIONS, E-LEARNING areas].
4. Mora, N., Caballé, S., Daradoumis, T. (2016). Providing a Multi-fold Assessment Framework to Virtualized Collaborative Learning in Support for Engineering Education. *International Journal of Emerging Technologies in Learning*. ISSN: 1863-038, 11 (7), 41-51. [indexed in SCOPUS 2016 SJR = 0.217, Q3 in EDUCATION, E-LEARNING, ENGINEERING areas].
5. Casillas, L.A., Daradoumis, T. and Caballé, S. (2014). Managing CSCL Activity through networking models. *Int. Journal of Emerging Technologies in Learning (iJET)*, Vol 9, No 7. Kassel University Press. ISSN: 1863-0383, pp. 56-63. [indexed in SCOPUS 2014 SJR = 0.135, Q4 in EDUCATION, ENGINEERING areas].
6. Feidakis, M., Daradoumis, T., Caballé, S. and Conesa, J. (2014). Embedding emotion awareness into e-learning environments. *Int. Journal of Emerging Technologies in Learning (iJET)*, Vol 9, No 7. Kassel University Press. ISSN: 1863-0383, pp. 39-46. [indexed in SCOPUS 2014 SJR = 0.135, Q4 in EDUCATION, ENGINEERING areas].
7. Feidakis, M., Caballé, S., Daradoumis, T., Gañán, D. and Conesa, J. (2014). Providing emotion awareness and affective feedback to virtualized collaborative

- learning scenarios. *Int. Journal of Continuing Engineering Education and Life-Long Learning (IJCEELL)*, Vol. 24, No. 2. Inderscience. ISSN: 1560-4624, pp. 141-167. [indexed in SCOPUS 2014 SJR = 0.183, Q3 in EDUCATION, ENGINEERING area].
8. Feidakis, M. and Daradoumis, T. (2013). A framework for designing Computer Supported Learning Systems with sensibility. *International Journal of e-Collaboration*, 9(1), 57-70, January-March 2013, IGI Global Publishing, Hershey, Pennsylvania, USA. ISSN: 1548-3673. [indexed in SCOPUS 2013 SJR = 0.271, Q3 in COMPUTER SCIENCE APPLICATIONS area].
 9. Feidakis, M., Daradoumis, T., Caballé, S. and Conesa J. (2012). Design of an emotion aware e-learning system. *International Journal of Knowledge and Learning*, 8 (3/4), Inderscience. ISSN: 1741-1009, pp. 219-238 [indexed in SCOPUS 2012 SJR = 0.152, Q4 in EDUCATION area].
 10. Kordaki, M., Daradoumis, T., Fragidakis, D., Grigoriadou, M. (2012) Adapting the Collaborative Strategy ‘Students Team Achievement Divisions’ in an Information Technology Work Place. *Studies in Computational Intelligence*, Vol. 408, Springer-Verlag, Berlin-Heidelberg, ISSN: 1860-9503, March 2012, pp. 131–153. [indexed in SCOPUS 2012 SJR = 0.231, Q4 in ARTIFICIAL INTELLIGENCE area].
 11. Daradoumis, T., Rodríguez-Ardura, I., Faulin, J., Juan, A. A., Xhafa, F., and Martínez-Lopez, F.J. (2010). Customer Relationship Management Applied to Higher Education: Developing an e-Monitoring System to Improve Relationships in e-Learning Environments. *International Journal of Services Technology and Management (IJSTM)*, Vol. 14, No. 1, Inderscience, ISSN: 1460-6720, pp.103–125. [indexed in Scopus, SCOPUS 2010 SJR = 0.274, Q2 in ENGINEERING, MARKETING areas].
 12. Daradoumis, T., Juan, A., Lera-López, F. and Faulin, J. (2010). Using Collaboration Strategies to Support the Monitoring of Online Collaborative Learning Activity. *Communications in Computer and Information Science*, Vol. 73, Springer-Verlag, Berlin-Heidelberg, ISSN: 1865-0929, May 2010, pp. 271-277 [indexed in SCOPUS 2010 SJR = 0.131, Q4 in COMPUTER SCIENCE area].
 13. Casillas, L.A., and Daradoumis, T. (2009). Constructing a Multi-agent System for Discovering the Meaning over Natural-Language Collaborative Conversations.

- Studies in Computational Intelligence*, Vol. 246, Springer-Verlag, Berlin-Heidelberg, ISSN: 1860-9503, July 2009, pp. 99-112. [indexed in SCOPUS 2009 SJR = 0.153, Q4 in ARTIFICIAL INTELLIGENCE area].
14. Kordaki, M. and Daradoumis, T. (2009). Critical Thinking as a Framework for Structuring Synchronous and Asynchronous Communication within Learning Design-Based E-Learning Systems. *Studies in Computational Intelligence*, Vol. 246, Springer-Verlag, Berlin-Heidelberg, ISSN: 1860-9503, July 2009, pp. 83-98. [indexed in SCOPUS 2009 SJR = 0.153, Q4 in ARTIFICIAL INTELLIGENCE area].
 15. Juan Pérez, A., Daradoumis, T., Faulin, J. and Xhafa, F. (2009). SAMOS: A Model for Monitoring Students' and Groups' Activity in Collaborative e-Learning. *International Journal of Learning Technology (IJLT)*, Vol. 4, Nos. 1/2, Inderscience, ISSN: 1477-8386, pp. 53-72. [indexed in SCOPUS 2015 SJR = 0.247, Q3 in EDUCATION & E-LEARNING areas].
 16. Casillas, L.A., and Daradoumis, T. (2009). Knowledge Extraction and Representation of Collaborative Activity through Ontology-based and Social Network Analysis Technologies. *International Journal of Business Intelligence and Data Mining (IJBIDM)*. Special Issue on "Advances in Intelligent Information Management Systems and Applications". Vol. 4, No. 2, Inderscience, ISSN: 1743-8187, pp.141–158 [indexed in SCOPUS 2009 SJR = 0.239, Q3 in MANAGEMENT INFORMATION SYSTEMS area].
 17. Gutiérrez-Carreón, G., Daradoumis, T., and Jorba, J. (2009). Automatic composition of Learning Grid Portlets: a comparison of syntactic and semantic approaches. *International Journal of Grid and Utility Computing (IJGUC)*. Special Issue on "Semantic Data Models and Performance Analysis for Grid and P2P Systems". Vol. 1, No.4, Inderscience, ISSN: 1741-847X, pp. 308 - 315 [indexed in SCOPUS 2011 SJR = 0.214, Q3in MANAGEMENT INFORMATION SYSTEMS area].
 18. Juan Pérez, A., Daradoumis, T., Faulin, J. and Xhafa, F., (2009). A data analysis model based on control charts to monitor online learning processes. *International Journal of Business Intelligence and Data Mining (IJBIM)*. Special Issue on "Advances in Intelligent Information Management Systems and Applications". Vol.

4, No. 2, Inderscience, ISSN: 1743-8187, pp. 159 – 174. [indexed in Scopus, 2009 SJR = 0.239, Q3 in MANAGEMENT INFORMATION SYSTEMS area].

19. Xhafa, F., Barolli, L., Fernández, R., Daradoumis T., and Caballé, S. (2008). Extension and evaluation of JXTA protocols for supporting reliable P2P distributed computing, *International Journal of Web Information Systems*, Vol 4, (1), 2008, Emerald Pub., ISSN: 1744-0084, pp. 121-135, [indexed in Scopus, 2008 SJR = 0.193, Q3 Computer Networks and Communications; Information Systems].
20. Daradoumis T., Xhafa, F. and Marquès J.M. (2002). A Methodological Framework for Project-based Collaborative Learning in a Networked Environment. *International Journal of Continuing Engineering Education and Life-long Learning*. Special Issue on “Collaborative Learning in Networked Environments”. Inderscience (Eds). Geneve, Switzerland. Vol. 12, Nos. 5/6, ISSN: 0957-4344, pp.389-402, [indexed in SCOPUS 2002 SJR = 0.117, Q3 in ENGINEERING area].
21. Daradoumis, T. and Marquès J.M. (2002). Distributed Cognition in the Context of Virtual Collaborative Learning. In: *Journal of Interactive Learning Research*. Special Issue on “Distributed Cognition in the Context of the Learning Organization and Life-Long Learning”. AACE (Eds). Norfolk, VA, USA. Vol. 13, Issue. 1, 2002, ISSN: 1093-023X, pp. 135-148, [indexed in Scopus, SCOPUS 2011 SJR = 0.605, Q2 in EDUCATION area].

22. **Papers in Peer-reviewed International Conferences and Workshops (85 articles)**

1. García-Senín, S., Arguedas, M. and Daradoumis, T. (2019). Pedagogical transformation and use of digital tablets: reflection on the process in the secondary classroom. Proceedings of the VI Jornadas Iberoamericanas de Innovación Educativa en el Ámbito de las TIC y las TAC. Las Palmas de Gran Canaria, Spain, November, 14-15, ATETIC of Las Palmas de Gran Canaria University, ISBN: 978-84-09-14325-2, pp.13-20. <http://hdl.handle.net/10553/58029>.
2. Dellatola, E., Daradoumis, T. and Dimitriadis, Y. (2018). Implementing imagination-based pedagogies in a web-based Computer Supported Collaborative Language Learning writing activity: Orchestration issues. Proceedings of the 9th IEEE International Conference on Information, Intelligence, Systems and Applications (IISA 2018). Zakynthos, Greece. July 23-25, 2018, IEEE Computer

Society, Los Alamitos, CA, USA. In press. [Indexed in ISI Proceedings and Scopus, 2017 SJR = 0.121]

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7. OTHER IMPORTANT DISTINCTIONS

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| 2017 | Certification with positive evaluation for the six-year research period (2010-2015) by the Catalan University Quality Assurance Agency (AQU). |
| 2017 | Certification with positive evaluation of the Teaching Activity carried out at the following five-year interval, under the framework of DOCENTIA program of the Open University of Catalonia (UOC):
- Teaching Activity carried out in 2012/13-2016/17. |
| 2014 | Certification with positive evaluation of the Teaching Activity carried out at the following five-year interval, under the framework of DOCENTIA program of the Open University of Catalonia (UOC):
- Teaching Activity carried out in 2007/08-2011/12. |
| 2013 | Accreditation of Research (at the rank of Associate Professor) from the Catalan University Quality Assurance Agency (AQU), 2013 |
| 2010 | Certification with positive evaluation for the six-year research period (2004-2009) by the Catalan University Quality Assurance Agency (AQU) |
| 2010 | Certification with <u>three</u> positive evaluations of the Teaching Activity carried out at the following five-year intervals, under the framework of DOCENTIA program of the Open University of Catalonia (UOC):
- Teaching Activity carried out before 1998 + (1998/99-2001/02)
- 2002/03-2006/07 |

- 2006 Certification with positive evaluation for the six-year research period (2000-2005) by the Catalan University Quality Assurance Agency (AQU). Accredited as a private university Associate Professor by the Open University of Catalonia (UOC). Reference U1465, UOC/46.
- 1998-99 LINGUA Scholarship under the Socrates EC Program to carry out the Postgraduate Program "Open and Distance Education" at the Open University of Greece.
- 1993-95 **Marie Curie Fellowship** from the EC «Human Capital and Mobility Program» for carrying out my PhD thesis.
- 1991 Scholarship from the Catalan Research and Technology department for conducting research at the University of Southern California - Information Sciences Institute, USA.
- 1988-91 Scholarship from the Greek Ministry of Education to begin my doctoral studies at the Polytechnic University of Catalonia, School of Computer Science.
- 1985-87 **Fulbright Scholarship** for carrying out my Master degree in the USA.

INTERNATIONAL CITATIONS TO MY RESEARCH WORK

I have published more than 150 articles in scientific journals and conferences besides the edition of several scientific books and special issues of research journals. Citations to my research work and *h-index* can be found in data sources such as:

- *Google Scholar* (<https://scholar.google.com/citations?user=5oD0RKcAAAAJ&hl=en>)
- *Scopus* (<https://www.scopus.com/authid/detail.uri?authorId=13104637500>).