

CURRICULUM VITAE

JOHN VRETTAROS

EDUCATION

DEGREE IN PHYSICS (UNIVERSITY OF IOANNINA)

MASTER OF SCIENCE IN ADULT TRAINING

THESIS: WEB 2.0 APPLICATIONS IN EDUCATION

PHD IN KNOWLEDGE ENGINEERING AND APPLICATIONS IN EDUCATION (DEPARTMENT OF COMPUTER ENGINEERING, UNIVERSITY OF AEGEAN)

TRAINING

1. *SYSTEMS ANALYZER (ELKEPA)*

2. *DIGITAL, ELECTRONICS & COMPUTERS (800 HOURS ELKEPA),*

3. *PROGRAMMING IN MULTIMEDIA APPLICATIONS CENTER OF INNOVATION (EOMMEX)*

4. *TRAINER OF TRAINERS (EKEPIS)*

WORK EXPERIENCE

LIFELONG LEARNING GENERAL 1985-TODAY

*RESEARCH ASSOCIATE NCSR DEMOKRITOS – NATIONAL TECHNICAL UNIVERSITY OF ATHENS –
UNIVERSITY OF ATHENS - UNIVERSITY OF IOANNINA*

RESEARCHER AND CO – RESPONSIBLE IN NATIONAL AND COMMUNAL PROJECTS

INSTRUCTING EXPERIENCE

AUTHORIZED (EKEPIS) ADULT TRAINERS' TRAINER AND AUTHORIZED TRAINER OF INFORMATION TECHNOLOGY

ADULT TRAINER, TEACHER (SECONDARY EDUCATION) 1984 - TODAY

AWARDS

REFEREE IN ACADEMIC JOURNALS, MEMBER OF E - BUSINESS FORUM

PARTICIPATION IN MANY AWARDED INTERNATIONAL PROJECTS FOR PEOPLE WITH DIFFICULTIES

AWARDED INVENTOR OBI 2004 PRICE OF BEST INNOVATION

PROJECTS

1. LEONARDO program. Project SYNERGIA(2007- today), ENFORA (2008- σήμερα). e – learning Coordinator.
2. ASK-IT (IST-2003-511298)
Ambient Intelligence System of Agents for Knowledge-based and Integrated Services for Mobility Impaired users. The ASK-IT integrated project aims at establish Ambient Intelligence (AmI) in semantic web enabled services, to support and promote the mobility of Mobility Impaired people, enabling the provision of personalised, self-configurable, intuitive and context-related applications and services and facilitating knowledge and content organisation and processing. Access it award 2008(Πανελλήνια Ένωση Κωφών, Αναπληρωτής Υπεύθυνος).
3. DEDALOS (Leonardo Da Vinci) "Teaching English as a second language to Deaf people, whose first language is the Sign Language, via e-Learning tools". Teaching of English as second language in deaf people who use as first language the sign one, via teleeducation. NCSR DEMOKRITOS, UNIVERSITY OF IOANNINA, ICCS - NTUA, P.E.K., CAMBRIDGE TRAINING AND DEVELOPMENT LTD (C.T.A.D.), REMARK (UK), The Royal National Institute for Deaf People (R.N.I.D.) (UK), Sign Language foundation Center (S.L.F.C.) SWEDEN, Hogeschool van UTRECHT. 2003-2006. (Assistant -Coordinator).
4. "DIGITATIZATION & PROCESSING SYSTEM OF GREEK MANUSCRIPTS (D-SCRIBE)"
Coordinator for e-learning Applications NCSR DEMOKRITOS. 2004-2006.
5. "Distance and Life Long Training for the Deaf people in the E-Commerce and New Technologies Sector via e-Learning Tools" DELFE (Leonardo Da Vinci). Distance and constant training of deaf people in e-commerce and new technologies via tele – education. "DEMOKRITOS" NCSR, UNIVERSITY OF IOANNINA, [P.E.K.](#), [KEESE](#), Universite Lumiere Lyon2, Institut de Psychologie, Scolaire des Jeunes Sourds (SSEFIS) de Lyon, Universite de Picardie Jules-Vernes, Centre Universitaire de Recherches, Danish Deaf Youth Association (DDYA), MINISTRY OF EDUCATION & CULTURE, CYPRUS. Associate Total Scientific Coordinator. 2002-2005.

6. "Center of Constant Training in Information Technology" (EPEAEK). Training of Instructors in Secondary Education in Information Technology. Research Associate. 2002-2003.

Publications in international journals and conferences with referees

1. John Vrettaros, Alexis Tagoulis, Niki Giannopoulou, Athanasios Drigas: An Empirical Study on the Use of Web 2.0 by Greek Adult Instructors in Educational Procedures. WSKS (2) 2009: 164-170
2. John Vrettaros, George A. Vouros, Athanasios Drigas: An Expedient Study on Back-Propagation (BPN) Neural Networks for Modeling Automated Evaluation of the Answers and Progress of Deaf Students' That Possess Basic Knowledge of the English Language and Computer Skills. WSKS (2) 2009: 542-551
3. Athanasios Drigas, Katerina Argyri, John Vrettaros: Decade Review (1999-2009): Artificial Intelligence Techniques in Student Modeling. WSKS (2) 2009: 552-564
4. Athanasios Drigas, John Vrettaros: Using the Self-Organizing Map (SOM) Algorithm, as a Prototype E-Content Retrieval Tool. ICCSA (2) 2008: 14-23
5. Athanasios Drigas, Dimitris Kouremenos, John Vrettaros: Teaching of English to Hearing Impaired Individuals Whose Mother Language Is the Sign Language. WSKS (1) 2008: 263-270
6. John Pavlopoulos, John Vrettaros, George A. Vouros, Athanasios Drigas: The Development of a Self-assessment System for the Learners Answers with the Use of GPNN. WSKS (1) 2008: 332-340
7. Bardis N., Vrettaros J. & Drigas A. 2007, 'Ανάλυση του Επιπέδου Ασφαλείας των Κρυπτογραφικών Αλγορίθμων με βάση τις Boolean Συναρτήσεις', Αστρολάβος, vol. 7.
8. A.DRIGAS, M. KARVOUNIS, J.VRETTAROS, D.KOUREMENOS, P.STAVROU.
THE DIAGNOSIS OF EDUCATIONAL NEEDS OF THE HEARING IMPAIRED ON THE NEW TECHNOLOGIES
Accepted in The 9th European Conference on Psychological Assessment (ECPA9). Thessaloniki, Greece 3 - 6 May, 2007.
9. John Vrettaros, George A. Vouros, Athanasios Drigas: Development of an Intelligent Assessment System for Solo Taxonomies Using Fuzzy Logic. ECSQARU 2007: 901-911
10. A.S. Drigas, D. Kourenemos, A. Tagoulis and J. Vrettaros
"Designing e-learning services for teaching English as a second language to Deaf people whose first language is the Sign Language",
International Design for All Conference on 13-15 September 2006. Rovaniemi, Finland.
11. A.S.DRIGAS, Y.VRETTAROS, D.KOUREMENOS
"Web Based Teaching of English via Sign Language to Deaf People"
IEEE's International Conference on Interactive Computer Aided Learning. September 27-29, 2006 Villach, Austria.
12. J.VRETTAROS, G. VOUROU, A.DRIGAS
"AN INTELLIGENT SYSTEM FOR SOLO TAXONOMY"
IFIP's 4th International Conference on Intelligent Information Processing (ICIIP 2006). 20-23 September, 2006, Adelaide, Australia.
13. A.S.DRIGAS, Y.VRETTAROS
"An Intelligence based Assessment Search Engine of learning material to improve learning procedures"

IEEE's 7th (ITHET) International Conference on Information Technology Based Higher Education and Training.
10-13 July, 2006 Sydney, Australia.

14. A.S.DRIGAS, Y.VRETTAROS, D.KOUREMENOS, L.G.KOUKIANAKIS, P.D.STAVROU
"Supportive Technologies for hard of hearing individuals"
International Conference of Applied Psychology της IAAP (International Association of Applied psychology) July 16-21 Athens Hilton & Caravel.
15. A.S.Drigas, A. Tagoulis, J. Vrettaros
" Development of asynchronous e-learning systems with the use of Java technology"
IEEE 2nd International Conference on Information & Communication Technologies: from Theory to Applications - ICTTA'06. April 24 - 28, 2006, Omayyad Palace, Damascus, Syria.
16. A.S.Drigas, J.Bakopoulos, J.Vrettaros,
"Communication networks security: A new method for creating encryption keys"
IPSI CONFERENCE. USA-2006 Palo Alto, California, January 8-11 2006.
17. A.S.Drigas, J.Vrettaros, L.G.Koukianakis, J.G.Glontzes
"A Virtual Lab and e-learning system for renewable energy sources"
WSEAS Intern. Multiconference in Tenerife, Canary Islands, Spain, December 16-18, 2005. Is included also in WSEAS TRANSACTIONS on COMPUTERS, Issue 2, Volume 5, February 2006.
18. A.S.Drigas, A. Tagoulis, P.Kyragianni, P. Nikolopoulos, D. Kalomoirakis, S. Peradonis, D. Kouremenos, CH. Emmanouilidis, J. Vrettaros
"An e-learning platform for multiform and interactive education of scholars in Greek Paleography"
5th International WSEAS Conference on Distance Learning and Web Engineering, Corfu, Greece, August 23-25, 2005
19. A.S.Drigas, A. Tagoulis, P.Kyragianni, P. Nikolopoulos, D. Kalomoirakis, S. Peradonis, D. Kouremenos, CH. Emmanouilidis, J. Vrettaros
"An e-Learning platform for self-paced learning for Greek Paleography"
WSEAS TRANSACTIONS on ADVANCES IN ENGINEERING EDUCATION , Issue 3, Volume 2, pp. 251, July 2005.
20. A.S.Drigas, D.Kouremenos, S. Kouremenos and J. Vrettaros
"An e-Learning System for the Deaf people"
IEEE - ITHET 6th Annual International Conference, July 7 - 9, 2005, Juan Dolio, Dominican Republic, TC2-17.
21. A.S.DRIGAS, D.KOUREMENOS, J.VRETTAROS
An e-Learning Management System for the Deaf people
Proceedings of 6th WSEAS International Conference on SOFTWARE ENGINEERING, PARALLEL and DISTRIBUTED SYSTEMS (SEPADS 05), Salzburg, Austria, February 13-15 2005.
Selected and included also in WSEAS Transactions on Advances in Engineering Education, Issue 1, Volume 2, January 2005.
22. V.SOULIOTI, Y.BAKOPOULOS, S.KOUREMENOS, S.NIKOLOPOULOS, Y.VRETTAROS, A.S.DRIGAS
"Quantum Key Distribution and Adaptive Protocols"
Proceedings of 6th WSEAS International Conference on MATHEMATICAL METHODS & COMPUTATIONAL TECHNIQUES IN ELECTRICAL ENGINEERING (WSEAS MMACTEE 2004)

Vouliagmeni, Athens, Greece, December 29-31, 2004. Selected and is included also in WSEAS Transactions on Systems, Issue 10, Volume 3, December 2004.

23. S.J. PERANTONI, B. GATOS, K NTZIOS, I. PRATIKAKIS, I. VRETTAROS, A.S.DRIGAS, C. EMMANOUILIDIS, A. KESIDIS, D. KALOMIRAKIS
"A System for Processing and Recognition of Old Greek Manuscripts (The D-SCRIBE Project)"
Proceedings of 4th WSEAS International Conference on APPLIED INFORMATICS and COMMUNICATIONS, December 17-19, 2004, Puerto De La Cruz, Tenerife, Canary Islands. Selected and is included also in WSEAS Transactions on Computers, Issue 6, Volume 3, December 2004.
24. Stavros Perantonis, Basilis Gatos, Konstantinos Ntzios, Ioannis Pratikakis, Ioannis Vrettaros, Athanasios Drigas, Christos Emmanouilidis, Anastasios Kesidis, and Dimitrios Kalomirakis
"DIGITISATION PROCESSING AND RECOGNITION OF OLD GREEK MANUSCRIPTS (THE D-SCRIBE PROJECT)"
International Journal "Information Theories & Applications" Vol.11, No 3, pp.232-240, 2004.
25. J. VRETTAROS, G. VOUROU, A.S.DRIGAS
"Development of a Diagnostic System of Taxonomies Using Fuzzy Logic - Case SOLO (useful for e-learning system)".
Proceedings of 5th WSEAS International Conference on AUTOMATION & INFORMATION (ICAI'04), Venice, Italy, November 15-17, 2004. Selected and is included also in WSEAS Transactions on Information Science and Applications, Issue 6, Volume 1, December 2004.
26. A.S.Drigas, J. Vrettaros
"An Intelligent Tool for Building E-Learning Content-Material Using Natural Language in Digital Libraries".
Proceedings of WSEAS Int. Conf. on E-AVTIVITIES (E-AVTIVITIES 2004), October 24-26, 2004, Rethymno, Crete, Greece. Selected and is included also in WSEAS Transactions on Information Science and Applications, Issue 5, Volume 1, November 2004.
27. A.S.DRIGAS, J.VRETTAROS, D.KOUREMENOS, L. STAVROU
"E-learning Environment for Deaf people in the E-Commerce and New Technologies Sector".
Proceedings of WSEAS Int. Conf. on E-AVTIVITIES (E-AVTIVITIES 2004), October 24-26, 2004, Rethymno, Crete, Greece. Selected and is included also in WSEAS Transactions on Information Science and Applications, Issue 5, Volume 1, November 2004.
28. A.S.DRIGAS, J.VRETTAROS, D.KOUREMENOS
"Teleeducation and e-learning services for teaching English as a second language to Deaf people, whose first language is the Sign Language".
Proceedings of WSEAS Int. Conf. on ROBOTICS, DISTANCE LEARNING AND INTELLIGENT COMMUNICATION SYSTEMS (ICRODIC 2004) Izmir, Turkey, September 13-16, 2004. Selected and is included also in WSEAS Transactions on Information Science and Applications, Issue 3, Volume 1, September 2004.
29. V. Soulioti, Y. Bakopoulos, S Kouremenos, Y. Vrettaros, S. Nikolopoulos, A.S.Drigas
"Stream Ciphers created by a Discrete Dynamic System for application in the Internet".
Proceedings of 8th WSEAS Int. Conf. on COMMUNICATIONS, July 12-15, 2004, Vouliagmeni, Athens, Greece. Selected and is included also in WSEAS Transactions on Communications, Issue 2, Volume 3, April 2004.
30. A.S.Drigas, S. Kouremenos, S. Vrettos, J. Vrettaros, D. Kouremenos
"An expert system for job matching of unemployed".
Elsevier's Expert Systems with Applications Vol. 26 p. 217-224, 2004.
31. A.S.Drigas, S. Kouremenos, J. Vrettaros, D. Kouremenos, L. Koukianakis
"Intelligent tools in business to business training"
Proceedings of International conference on New Horizons in Industry and Education. Santorini. 28-29 August

2003.

32. J. Vrettaros, A.S.Drigas, S. Kouremenos, D. Mitsopoulos
"Open Distance Interactive System for Educational Applications ODYSSEAS"
Proceedings of 2nd International Conference on Technology in Teaching & Learning in Higher Education.
Samos. 27-29 June 2001.
33. J.Vrettaros, M.Grigoriadou
"Design of an hybrid architecture for fuzzy connectionist expert system and its application to approximate student model". CATE 96, The first international conference on computers and advanced technologies in education, Cairo, March 1996.
34. J.Vrettaros, M.Grigoriadou
"Fuzzy Connectionist Systems for Student Modelling". The Thirteenth International Conference on Technology and Education, proceedings, vol. 1, p. 216, March 17-20, 1996, New Orleans, Louisiana.
35. J.Vrettaros, M.Grigoriadou
"Tackling the student modeling problem using connectionist expert system". ED-MEDIA World Conference on Educational Multimedia and Hypermedia, 1994, Vancouver, Canada.

PARTICIPATION IN BOOKS

1.



Evolution of Teaching and Learning Paradigms in Intelligent Environment (Studies in Computational Intelligence) by Lakhmi C. Jain, Raymond A. Tedman, and Debra K. Tedman (Hardcover - Sep 26, 2007).

Excerpt - page 213: "... 216 Félix Castro et al. 23. Drigas, A., Vrettaros, J.: An Intelligent Tool for Building e-Learning Content-Material Using Natural ..."

2.



Best Practices for the Knowledge Society. Knowledge, Learning, Development and Technology for All: Second World Summit on the Knowledge Society, WSKS 2009, ... in Computer and Information Science) by Miltiadis D. Lytras, Patricia Ordóñez de Pablos, Ernesto Damiani, and David Avison (Paperback - Nov 13, 2009)

Excerpt - Table of Contents: "... by Greek Adult Instructors in Educational Procedures 164 John Vrettaros, Alexis Tagoulis, Niki Giannopoulou, and Athanasios Drigas Estimation for Up/Down ..."

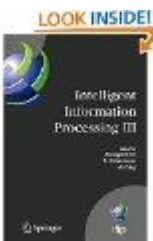
3.



Symbolic and Quantitative Approaches to Reasoning with Uncertainty: 9th European Conference, ECSQARU 2007, Hammamet, Tunisia, October 31 - November 2, ... / Lecture Notes in Artificial Intelligence) by Khaled Mellouli (Paperback - Nov 28, 2007) – Illustrated

Excerpt - page 902: "... 902 J. Vrettaros, G.Vouros, and AS. Drigas as well as the notional change ..."

4.



Intelligent Information Processing III: IFIP TC12 International Conference on Intelligent Information Processing (IIP 2006), September 20-23, Adelaide, ... and Communication Technology) (v. 3) by Zhongzhi Shi, K. Shimohara, and D. Feng (Hardcover - Oct 2, 2006)

Excerpt - page 421: "... AN INTELLIGENT SYSTEM FOR SOLO TAXONOMY John Vrettaros (1,2), George Vouros (2), Athanasios Drigas (1) I National Centre ..."

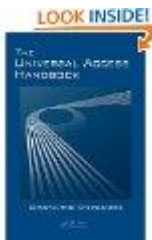
5.



Computational Science and Its Applications - ICCSA 2008: International Conference, Perugia, Italy, June 30 - July 3, 2008, Proceedings, Part II (Lecture ... Computer Science and General Issues) by Osvaldo Gervasi, Beniamino Murgante, Antonio Lagana, and David Taniar (Paperback - Aug 6, 2008)

Excerpt - page 14: "... a Prototype E-Content Retrieval Tool Athanasios S. Drigas and John Vrettaros Department of Applied Technologies,NCSR "DEMOKRITOS" Ag. Paraskeui, Greece {dr,jvr}.imm.demokritos.gr Abstract. ..."

6.



The Universal Access Handbook (Human Factors and Ergonomics) by Constantine Stephanidis (Hardcover - Jun 11, 2009)

Excerpt - page 72: "... (2nd edition). Hertfordshire, UK: Prentice Hall Europe. Drigas, A. S., Vrettaros, J., Stavrou, L., and Kouremenos, D. (2004). E-learning environment for ..." Surprise me! See a random page in this book

7.



Visioning and Engineering the Knowledge Society - A Web Science Perspective: Second World Summit on the Knowledge Society, WSKS 2009, Chania, Crete, Greece, ... / Lecture Notes in Artificial Intelligence) by Miltiadis D. Lytras, Ernesto Damiani, John M. Carroll, and Robert D. Tennyson (Paperback - Nov 13, 2009)

Excerpt - page 532: "... the Internet and Management 10(2), 122 (2002) 3. Drigas, A., Vrettaros, J., Kouremenos, D., Stavrou, P.: E-learning Environment for Deaf people ..."

8.



Emerging Technologies and Information Systems for the Knowledge Society: First World Summit on the Knowledge Society, WSKS 2008, Athens, Greece, September ... / Lecture Notes in Artificial Intelligence) by Miltiadis D. Lytras, John M. Carroll, Ernesto Damiani, and Robert D. Tennyson (Paperback - Oct 24, 2008)

Excerpt - page 263: "... Is the Sign Language Athanasios Drigas, Dimitris Kouremenos, and John Vrettaros NCSR 'Demokritos', Institute of Informatics and Telecommunications, Net Media Lab, ..."

9.



Knowledge-Based Intelligent Information and Engineering Systems: 10th International Conference, KES 2006, Bournemouth, UK, October 9-11 2006, Proceedings, ... / Lecture Notes in Artificial Intelligence) by Bogdan Gabrys, Robert J. Howlett, and Lakhmi C. Jain (Paperback - Nov 13, 2006)

Excerpt - page 781: "... , Vrettaros J., Kouremenos D.: An expert system for job matching of ..."