C U R R I C U L U M   V I T A E

PERSONAL INFORMATION

Name: Manolis
Surname: Viennas
Date of Birth: 30/03/1985
Phone number: (+30)6972305696
Home Address: 7 Platonos Nea Penteli (zip number 15236), Greece
E-mail: manolis@viennas.net
Web page: http://viennas.net/ (only Greek version)

EDUCATION

2002:
- Graduated student from High School with grade 18.9 (out of 20).

2003-2008:
- Diploma of Computer Engineering and Informatics at the **Computer Engineering and Informatics Department** (5-year course), Polytechnic School, University of Patras, Greece, GPA: 7.79 (out of 10) (**14/03/2008**)

2008:
- Accepted for admission (2009-2010) at the followings postgraduate programs: "Informatics MSc", University of Edinburgh – "Advanced Computer Science MSc", Univerity of Manchester – "MSc Software Engineering", University of Southampton

2008-2010:
- Computer Engineering and Informatics Department, University of Patras, Greece, Postgraduate program (MSc) "Computer Science and Engineering", GPA: 9.3(out of 10) (Graduation Date: **16/04/2010**)

2010-2017:
- Phd Student at Computer Engineering and Informatics Department, University of Patras, Greece - "Searching, Modeling and Evaluation of Applications and Data in the World Wide Web" (Supervisor: Prof Athanasios Tsakalidis) (Graduation Date: **11/2017**)

2014 (Spring semester):
- Erasmus for studies - Phd Student at King's College, London (Supervisor: Prof Costas S. Iliopoulos)

WORK ACTIVITIES

2003 until now:
- Member of the Research Unit 5 at **R**esearch **A**cademic **C**omputer **T**echnology **I**nstitute (http://www.cti.gr/).
- Member of the Laboratory for Graphics, Multimedia & GIS, University of Patras (http://mmlab.ceid.upatras.gr/). Worked closely with groups of people and participated in many projects.

2004 - 2008:
- Microsoft Student Partner for Microsoft Hellas
- Participation in developing the billing system for TelePassport Hellas.

2005 until now:
- Responsible for training and consulting the new members of the Laboratory for Graphics, Multimedia & GIS.
- Design and implementation of several webpages - you can see samples of work in openideas.gr

2006 - 2008:
- Participation in developing MyMoo (instance messaging/voip client) (about **110.000** Source lines of code, I develop about **10.000** of them)

2007 - 2009:
- Senior Developer at Digital Exhibition of History of Ancient Olympic Games Project (about **25.000** Source lines of code)
- KaPa Educational Institute - Part time job as instructor for Computer Science Courses ("Introduction to Signal & Systems Theory", "Digital Signal Processing" and "Digital Communications")

2008 until 2014:
- Computer Engineering and Informatics Department, University of Patras - Instructor for Computer Science Courses ("Data Structures", "Data Structures and Graphics" and "Advanced Information Systems")

2009 - 2012:
- Participation in the European Union Project: "European Network of Best Practices for Interoperability of Spatial Planning Information - Plan4All", co-funded by the Community programme eContentplus.

- Participation in the European Union Project: "Drought Management Centre for Southeastern Europe Project"

2010 until 1014::

- Technological Educational Institute of Patras - Instructor for Computer Science Courses "Procedural Programming", "Human Computer Interaction", "Internet Technologies"
- Participation in the European Union Project: Digital Local Agenda, INTERREG IV C

2011:

- Senior Software Engineer at osbgroup.gr (indicative customers: KEGM Congress World, Papadopoulou Inc.)
- Software development for mobile devices - Samsung Ελλάς

2011 until 2015:

- IT Pro and Software Engineer - ICT-Center
- Senior Developer - Employment and Career Office, Technological Educational Institute of Patras and Employment and Career Office, Athens University of Economics and Business

2012 – 2013:

- Senior Software Engineer – TEI of Messolonghi - "Digital Services - TEI of Messolonghi" και "Scientific Support of Young Farmers"
- Senior Software Engineer – Ionian University - "TTET – hotelauctions.gr - Development of an electronic reservation system for tourist accommodation through auctions"
- IEK OAED Patras - Instructor for Computer Science Courses ("Networks", "Word Processing" and "Thesis Project")

2013 – 2017:

- Senior Software Engineer – "Thalis DOC-CULTURE - Development of an integrated information environment for assessment and documentation of conservation interventions to cultural works/objects with non-destructive techniques"
- Senior Software Engineer – "ΣΥΝΕΡΓΑΣΙΑ BORDER-CONTROL - Development of an Integrated Environment for monitoring of migration flows using GIS and mobile devices"
- Senior Software Engineer – "TTET - Smart Cameras - Development of an integrated monitoring system using smart cameras, behavioral data and standby visitors/ customers flow data in chain stores"
- Senior Software Engineer – "DYNACARGO: Dynamic Cargo Routing on-the-Go"
- Senior Software Engineer and Software Architect – Interamerican, Attica Bank, IME Πληροφορική, Modus, Dynacomp, ConngressWorld, Hellenic Open University, Scytales, HyperTech, WorldBank, Ilo, ΙΤΥΕ, Ηδικα

RESEARCH ACTIVITIES

- **(2006)** Architecture, develop and manage a mobile instance messaging/voip client based on jabber protocol.
- **(2007)** Diploma Thesis: "Research on different technologies and environments for the support of Instant Messaging in a client - server layer - An implementation" (Supervisor: Prof Athanasios Tsakalidis)
- **(2008-2015)** Responsible for consulting undergraduate and postgraduate students in order to develop their diploma thesis project
- **(2010)** MSc Thesis: "Designing Effectively Information Systems for the Support of Mobile Applications - A Case Study" (Supervisor: Prof Athanasios Tsakalidis)
- **(2010 until now)** Member of the Bioinformatics Research Group at University of Patras
- **(2010 until 2014)** Participation in the research project Gen2Phen

TECHNICAL KNOWLEDGE

- Exceptional skills at the ASP.NET programming language, ASP.NET MVC and ASP.NET Core combined with JavaScript, JQuery, Angular, CSS, HTML5, TypeScript etc
- Excellent knowledge level of developing Web Services, building Rich Internet Applications and creating Application Programming Interfaces
- WEB 2.0 programming experience (facebook, json, POX, Rest, Soap web services, WS-*, Oauth etc)
- Heavy experience in designing and managing large databases: relational (MS-SQL Server, Oracle, MySQL, DB2), NoSQL (CouchDB, MongoDB, RavenDB) and ORM frameworks (Entity Framework, NHibernate, Hibernate)
- Advanced knowledge of .NET 4.5 (WCF, WF, WPF, LINQ, ASP.NET MVC, MEF) and long experience in developing applications following design patterns
- Advanced knowledge of JAVA EE platform (RMI, JMS, EJB, JSP, JSF), Spring, Wicket
- Advanced knowledge of unit testing (xunit, mok, AutoFixture, FluentAssertions, Junit, Mockito)
- Long programming expertise in C#, C, C++, Java, SQL, shell languages (bash,tcsh), PHP, VB.NET and low-level languages (e.g.assembly)
- Advanced knowledge of mobile development (android, iphone, bada, windows phone, windows mobile, symbian, j2me), cross platform solutions using phonegap και xamarin

- Experience in Integration Services (BizTalk, Sql Server Integration Services), Reporting Servises (Sql Server Reporting Services), Analysis Services, BI solutions (PowerPivot, PowerBI, Pentaho, IBM Watson Analytics) and Business Process Management Software (drools, jBPM, Activiti)
- Long programming expertise in Cloud-based applications (Windows Azure, Amazon AWS, EC2)
- Heavy experience in design, development and support of software applications and information systems - Advanced knowledge of tools and practices such as SPARX Enterprise Architect, Continuous Integration, Inversion of Control, Test First Development, Scrum, Kanban, Visual Studio Team Foundation Server, Solution Modeling, UML
- Heavy experience in project management - Advanced knowledge of tools such as Microsoft Project, JIRA
- Familiarity with the following types of programming: Aspect Oriented Programming (PostSharp), Functional programming (F#, Scala), Dynamic programming (Groovy), Parallel & Async Programming, Reactive Programming (Rx Extensions)
- Long expertise in administration of various operating systems (including UNIX , Linux, Windows, Mac OS X), networks (NAT, DNS, routing, traffic control, shared services, wireless protocols) etc.
- IT Expert – Virtualization (Vsphere, Hyper-V, KVN, XenServer), SystemCenter 2016, AD, Exchange, Containers (Docker)
- Expertise in Big Data technologies (Hadoop, Spark, Kafka, Mlib, Hive)
- Expertise in Data Mining technologies (process mining, RapidMiner, ProM, weka, Sql Server), Machine Learning technologies (MLib, mahout, scikik, accord.net) and Deep Learning technologies (Convolutional, Recurrent/LSTM using tensorflow, cntk, caffe, keras)
- Scaling applications - Microservices (Azure Service Fabric, MassTransit, RabbitMQ, ESB, Akka.Net, Orleans)
- Streaming Protocols (RTMP, HLS, IIS Smooth Streaming) – Solutions (Wowza, IIS, Adobe Media Server, Red5)
- Advanced knowledge of Jabber protocol and Wildfire jabber server - SMPP protocol and Kannel sms gateway – VoIP and instant messaging programs developing experience
- Game development - XNA framework, Unity, Robotics - Microsoft Robotics Studio και Lego NXT, Sensor Networks - .NET Micro Framework, NUI – Kinect
- Advanced experience in content management systems (Joomla, DotNetNuke, Moodle, Wordpress, Magento, MediaWiki, Drupal, Umbraco, Sharepoint, Liferay, IBM WebSphere Portal)

ADDITIONAL INFORMATION

- Fluent in Greek (mother tongue) and English (Certificate of Proficiency in English, University of Michigan, May 2008 - Toefl iBT 112(out of 120), August 2008), knowledge of French.
- Rise to prominence 5 different times at "Thalis" and "Eucleidhs" competition from Hellenic Mathematical Society between 1999 and 2002.

OTHER ACTIVITIES

- Member of the board of IEEE Student Branch of the University of Patras, responsible for organizing various technology events (2005 until now).
- Member of Patras Wireless Network (2002 until now).
- Open Water Diver (Padi – Autonomous Diver – 13 Jun 2009)
- Boat License- Sept 2011, Sailing Certificate – Jan 2012
- Hellenic Red Cross – Volunteer Samaritan Cadet – First Aid School (2009-10)
- Volunteer work as a workstation technician - Athens Olympic Games (2004).
- Dancing – Tango, Traditional
- More information about me and my interests can be found at my personal website where I also keep a weblog (only Greek version) with my thoughts, activities and updates about my life.

REFERENCES

- **Athanasios Tsakalidis -** Professor & Vice Chairperson at the Department of Computer Engineering & Informatics, University of Patras
- **George Pavlidis -** Professor & Chairperson at the Department of Business Administration , University of Patras
- **Christos Makris -** Assistant Professor at the Department of Computer Engineering & Informatics, University of Patras

All the above references are available upon request.

PUBLICATIONS

Book Chapters

- Paschou, M., Sakkopoulos, E., Tsakalidis, A., Tzimas, G., & Viennas, E. (2013), '**An XML-based Customizable Model for Multimedia Applications for Museums and Exhibitions**', in Kanellopoulos, D. (ed.), Intelligent Multimedia Technologies for Networking Applications: Techniques and Tools, IGI Global, ch. 14, pp. 348-363, DOI: 10.4018/978-1-4666-2833-5.ch014.

- Paschou, M., Sakkopoulos, E., Tsakalidis, A., Tzimas, G., & Viennas, E (2013), '**Intelligent Mobile Recommendations for Exhibitions using Indoor Location Services**', in Tsihrintzis, G.A., Virvou, M., Jain, L. (eds), Multimedia Services in Intelligent Environments, Smart Innovation, Systems and Technologies, Springer-Verlag, Germany, vol. 25, pp. 19-38, DOI: 10.1007/978-3-319-00375-7_3.

- Makris, C., Plegas, Y., Tzimas, G. & Viennas, E., (2014) '**Improving Search Engines' Document Ranking Employing Semantics and an Inference Network**', as selected paper from WEBIST 2013, in Krempels, K.H. , Stocker, A. (eds), Web Information Systems and Technologies, Lecture Notes in Business Information Processing, Springer Berlin Heidelberg, ISBN: 978-3-662-44299-9, vol. 189, pp. 138-153, DOI: 10.1007/978-3-662-44300-2_9.

- Patrinos, G.P., Katsila, T., Viennas, E. & Tzimas, G. (2016), '**Genomic Databases: Emerging Tools for Molecular Diagnostics**', in Patrinos, G.P., Danielson P.B.,Ansorge, W.J. (eds), Molecular Diagnostics, Third Edition, Elsevier, pp. 353-369, ISBN 9780128029718.

Journals:

- Georgitsi, M., Viennas, E., Gkantouna, V., Christodoulopoulou, E, Zagoriti, Z, Tafrali, C., Ntellos, F., Giannakopoulou, O., Boulakou, A., Vlahopoulou, P., Kyriacou, E., Tsaknakis, J., Tsakalidis, A., Poulas, K., Tzimas, G., & Patrinos GP. (2011), "**Population-Specific Documentation of Pharmacogenomic Markers and their Allelic Frequencies in FINDbase**", Pharmacogenomics, Future Medicine, ISSN 1462-2416, vol. 12, no. 1, pp. 49-58, (Impact Factor: 3.974).

- Georgitsi, M., Viennas, Antoniou, D., E., Gkantouna, V., van Baal, S., Petricoin, EF., Poulas, K., Tzimas, G., & Patrinos, GP. (2011), "**FINDbase: A worldwide database for genetic variation allele frequencies updated**", Nucleic Acids Research - Database Issue, Oxford University Press, ISSN 0305-1048, vol. 39, no. 1, pp. D926-D932, DOI: 10.1093/nar/gkq1236 (Impact Factor: 8.026).

- Antoniou, D., Plegas, Y., Tsakalidis, A., Tzimas, G., & Viennas, E. (2012), '**Dynamic Refinement of Search Engines Results Utilizing the User Intervention**', Journal of Systems and Software, Computer Systems and Networks, Elsevier, ISSN 0164-1212, vol. 85, no. 7, pp. 1577–1587, DOI: 10.1016/j.jss.2012.01.049 (Impact Factor: 1.135).

- Viennas, E., Gkantouna, V., Ioannou, M., Georgitsi, M., Rigou, M., Poulas, K., Patrinos, G.P., & Tzimas, G.E. (2012), "**Population-Ethnic Group Specific Genome Variation Allele Frequency Data: A Querying and Visualization Journey**", Genomics, Special Issue on Database Tools, Elsevier, ISSN: 0888-7543, vol. 100, no. 2, pp. 93-101, DOI: 10.1016/j.ygeno.2012.05.009 (Impact Factor: 3.010).

- Giardine, B., Borg, J., Viennas, E., Pavlidis, C., Moradkhani, K., Joly, P., Bartsakoulia, M., Riemer, C., Miller, W., Tzimas, G., Wajcman, H., Hardison, R.C.& Patrinos, G.P. (2014), "**Updates of the HbVar Database of Human Hemoglobin Variants and Thalassemia Mutations**", Nucleic Acids Research - Database Issue, Oxford University Press, ISSN 0305-1048, vol. 42, no. 1, pp. D1063-9, DOI: 10.1093/nar/gkt911 (Impact Factor: 8.808).

- Papadopoulos, P., Viennas, E., Gkantouna, V., Pavlidis, C., Bartsakoulia, M., Ioannou, Z-M., Ratbi, I., Sefiani, A., Tsaknakis, J., Poulas, K., Tzimas, G. & Patrinos, G.P. (2014), "**Developments in FINDbase worldwide database for clinically relevant genomic variation allele frequencies**", Nucleic Acids Research - Database Issue, Oxford University Press, ISSN 0305-1048, vol. 42, no. 1, pp. D1020-6, DOI: 10.1093/nar/gkt1125 (Impact Factor: 8.808).

- Dalabira, E., Viennas, E., Daki, E., Komianou, A., Bartsakoulia, M., Poulas, K., Katsila, T., Tzimas, G. & Patrinos, G.P. (2014), " **DruGeVar: An Online Resource Triangulating Drugs with Genes and Genomic Biomarkers for Clinical Pharmacogenomics**", Public Health Genomics, Karger, ISSN: 1662-4246, vol. 17, no 5-6, pp. 265-271, DOI: 10.1159/000365895 (Impact Factor: 2.462).

- Gkantouna, V., Kambouris, M, Viennas, E., Ioannou Z.M., Paraskevas, M., Lagoumintzis, G., Zagoriti, Z., Patrinos, G.P., Tzimas, G. & Poulas, K. (2015), "**Introducing dAUTObase: a first step towards the global scale geoepidemiology of autoimmune syndromes and diseases**", Bioinformatics, Oxford University Press, ISSN: 1367-4803, vol. 31, no. 4, pp. 581-586, DOI: 10.1093/bioinformatics/btu690 (Impact Factor: 4.621).

- Viennas, E., Komianou, A., Mizzi, C., Stojiljkovic, M., Mitropoulou, C., Muilu, J., , Vihinen, M., Oplopoiou, M., Pavlidis, C., Zukic, B., Katsila, T., van der Spek, P.J., Pavlovic, S., Tzimas, G. & Patrinos, G.P. (2016), "**Expanded National Database Collection And Data Coverage in the Findbase Worldwide Database For Clinically Relevant Genomic Variation Allele Frequencies**", Nucleic Acids Research - Database Issue, Oxford University Press, DOI: 10.1093/nar/gkw949 (Impact Factor: 9.202).

- Gkantouna, V., Sioutas, S., Tsakalidis, A., Tzimas, G. & Viennas, E. (2016), "**Design Reuse in the Conceptual Schema of CMSs: a Pattern-based Evaluation Approach**", Engineering Applications of Artificial Intelligence, Elsevier, vol. 51, pp. 97-108, (Impact Factor: 2.368 - 2015).

Conferences:

- Antoniou, D.I., Georgitsi, M.A., Gkantouna V.A., Patrinos, G.P., Poulas, K.A., Tsakalidis, A.K., Tzimas, G.E., & Viennas, E.S. (2010), '**dAUTObase: Mining Gems on Autoimmune Diseases Utilizing Web Visualization Technologies**', in the Proceedings of the 10th IEEE International Conference on

Information Technology and Applications in Biomedicine (ITAB 2010), 3-5 November, 2010, Corfu, Greece, pp. 1-5, DOI: 10.1109/ITAB.2010.5687692.

- Gkantouna, V., Viennas, E., Holeva, E., Antoniou, D., Giotopoulos, K., Georgitsi, M., Tsaknakis, I., Patrinos, GP., Tzimas, G., & Poulas, K. (2010), '**Recording the Spatial Epidemiology of Autoimmune Diseases Utilizing Data Mining Technologies**', in the Proceedings of the 2010 Golden Helix Symposium in "Genetic Analysis in Translational Medicine", December 1-4, 2010, Athens, Greece.

- Faliagka, E., Ramantas, K., Tsakalidis, A., Viennas, M., Kafeza, E., & Tzimas G. (2011), '**An Integrated E-Recruitment System for CV ranking based on AHP**', in the Proceedings of the 7th Web Information Systems and Technologies (WEBIST 2011), 6-9 May, 2011, Netherlands, SciTePress, ISBN 978-989-8425-51-5, pp. 147-150.

- Antoniou, D., Paschou, M., Sakkopoulos, E., Sourla, E., Tzimas, G., Tsakalidis, A.; & Viennas, E. (2011), '**Exposing Click-Fraud Using a Burst Detection Algorithm**', in the Proceedings of the 16th IEEE Symposium on Computers and Communications (ISCC 2011), June 28 – July 1, 2011, Corfu, Greece, pp.1111-1116, ISBN: 978-1-4577-0678-3 DOI: 10.1109/ISCC.2011.5983854.

- Gkantouna, V., Viennas, E., Ioannou, M., Georgitsi, M., Rigou, M., Poulas, K., Patrinos, G.P., & Tzimas, G. (2012), '**Population-Ethnic Group Specific Genome Variation Allele Frequency Data: A Querying and Visualization Journey**', in the Proceedings of the 2012 Golden Helix Symposium in "Genomic Medicine: Translating Genes into Health", April 18-21, 2010, Turin, Italy.

- Gkantouna, V., Ioannou, M., Tsakalidis, A., Viennas, E., Poulas, K. Tsaknakis, J. & Tzimas, G. (2012), '**Towards an Era of Epidemiological Databases for Autoimmune Diseases**', in the Proceedings of the 12th IEEE International Conference on BioInformatics and BioEngineering (BIBE 2012), November 11-13, 2012, Larnaca, Cyprus, pp. 69-73.

- Makris, Ch., Plegas, Y., Tzimas, G. & Viennas, E. (2013), '**SerfSIN: Search Engines results' ReFinement using a Sense-driven Inference Network**', in the Proceedings of the 9th International Conference on Web Information Systems and Technologies (WEBIST 2013), 8-10 May, 2013, Aachen, Germany, pp. 222-232, Best Paper Award.

- Antoniou, D., Makris, Ch., Meridou, D., Tzimas, G. & Viennas, E. (2013), '**Designing a Click Fraud Detection Algorithm: Exposing Suspect Networks**', in the Proceedings of the 9th International Conference on Web Information Systems and Technologies (WEBIST 2013), 8-10 May, 2013, Aachen, Germany, pp. 93-98.

- Kouis, D., Vassilakaki, E., Vraimaki, E., Cheilakou, E., Saint, A. C., Sakkopoulos, E., Viennas, E., Pikoulis, E.-V. M., Nodarakis N., Pikoulis, E.-V. M., Achilleopoulos N., Zervos, S., Giannakopoulos, G., Manessi, D.-K., Tsakalidis, A. K., Koui, M. (2015). **Standardizing NDT&E Techniques and Conservation Metadata for Cultural Artifacts**. In Metadata and Semantics Research - 9th Research Conference, {MTSR} 2015, Manchester, UK, September 9-11, 2015, Proceedings (pp. 439–450). http://doi.org/10.1007/978-3-319-24129-6_38

- Pikoulis, E.-V. M., Sakkopoulos, E., Viennas, E., Achilleopoulos, N., Cheilakou, E., Saint, A. C., Koui, M., Tsakalidis, A. K. (2015). **Data Engineering for Materials Identification, Damage Assessment and Restoration of Cultural Objects.** In Model and Data Engineering - 5th International Conference, {MEDI} 2015, Rhodes, Greece, September 26-28, 2015, Proceedings (pp. 154–165). http://doi.org/10.1007/978-3-319-23781-7_13

- Gkantouna, V., Tsakalidis, A. K., Tzimas, G., & Viennas, E. (2015). **An Approach for Mining Social Patterns in the Conceptual Schema of CMS-Based Web Applications**. In F. Daniel & O. Díaz (Eds.), Current Trends in Web Engineering - 15th International Conference, {ICWE} 2015 Workshops, NLPIT, PEWET, SoWEMine, Rotterdam, The Netherlands, June 23-26, 2015. Revised Selected Papers (Vol. 9396, pp. 141–152). Springer. http://doi.org/10.1007/978-3-319-24800-4_12

- Asimakopoulos, G., Christodoulou, S., Gizas, A., Triantafillou, V., Tzimas, G., Viennas, E., … Papalambrou, A. (2015). **Towards a Dynamic Waste Collection Management System using Real-time and Forecasted Data**. In 2nd Workshop on Innovative European Policies and Applied Measures for Developing Smart Cities (IPMSC2015) - 16th International Conference on Engineering Applications of Neural Networks (EANN 2015). http://doi.org/10.1145/2797143.2797154

- Sakkopoulos, E., Viennas, E., Paschou, M., Ioannou, Z.-M., Gkantouna, V., Sourla, E., Tzimas, G., Sioutas, S., Tsakalidis, A. K. (2015). **Mobile Data Fusion from Multiple Tracking Sensors to Augment Maritime Safety: Mobile Detection, Early Identification, and Tracking of Moving Objects**. In 2015 {IEEE} International Conference on Mobile Services, {MS} 2015, New York City, NY, USA, June 27 - July 2, 2015 (pp. 112–119). http://doi.org/10.1109/MobServ.2015.25

- Christodoulou, S. P., Tzimas, G., Gizas, A., Viennas, E., & Kendea, M. (2015). Mining {HTML5} code: a view to how humans use emerging web standards. In L. S. Iliadis & C. Jayne (Eds.), Workshop Proceedings of the 16th International Conference on Engineering Applications of Neural Networks, {EANN} 2015, Rhodes Island, Greece, September 25-28, 2015 (pp. 25:1–25:6). ACM. http://doi.org/10.1145/2797143.2797177

National Conferences:

- Emmanouil Viennas, Thanassis Papakostopoulos, Michail Vogiatzis, **"Optimization PID Algorithm for Line Tracking Robots Using Genetic Algorithms"**, in the Proceedings of the 4th Scientific Conference for undergraduate and graduate students in Informatics and Related Applications (EUREKA! 2010), October 14-15, 2010, Patras, Greece.

- Georgitsi, M., Viennas, E., Gkantouna, V., Antoniou, D., Poulas, K., Tzimas, G., & Patrinos, GP. (2010), '**Frequency of INherited Disorders database (FINDbase): A Web Application Reporting Genetic Variation Allele Frequencies Worldwide**', in the Proceedings of the 5th Conference of the Hellenic Society for Computational Biology and Bioinformatics (HSCBB10), October 17-19, 2010, Alexandroupolis, Greece (evaluated and published in the Faculty of 1000 posters http://f1000.com/posters/browse/summary/689).
- Viennas, E., Gkantouna, V., Antoniou, D., Sourla, E., Georgitsi, M., Zagoriti, Z., Tsakalidis, A., Patrinos, P., Tsaknakis, I, Poulas, K., & Tzimas, G., (2010), '**dAUTObase: Exploiting Web Visualization Technologies to Analyze the Epidemiology of Autoimmune Diseases**', in the Proceedings of the 5th Conference of the Hellenic Society for Computational Biology and Bioinformatics (HSCBB10), October 17-19, 2010, Alexandroupolis, Greece.
- Π.Ε. Μπαρούχας, Α. Λιόπα – Τσακαλίδη, Ν.Κ. Μουστάκας, Ε. Βιέννας, Μ. Πάσχου, Ε. Σακκόπουλος, Ε. Σουρλά, Γ. Τζήμας, **"Εκτίμηση των απαιτούμενων ποσοτήτων ασβέστου καλλιεργούμενων εδαφών με χρήση φορητών συσκευών και τεχνολογία στίγματος χρήστη"** στα Πρακτικά του 13ου Πανελλήνιου Εδαφολογικού Συνεδρίου, 19-22 Οκτ. 2010, Λάρισα, Ελλάδα
- Μ. Βογιατζής, Ε. Βιέννας, **"Έλεγχος κίνησης ρομπότ για ακολούθηση έγχρωμης γραμμής εδάφους και συλλογή αντικειμένων"**, 2° Πανελλήνιο Συνέδριο Ρομποτικής, 09-10 Δεκεμβρίου 2010, Πάτρα, Ελλάδα
- Πουλάς, Κ., Μερίδου, Δ., Σκουλά, Ν., Παναγάκη, Μ., Πατρινός, Γ., Θεοδωροπούλου, Ε., Αντωνίου, Δ., Βιέννας, Ε., & Τζήμας, Ι. (2011). 'HELPIDA (HELlenic ePIdemiological DAtabase): Δημιουργία Ελληνικής Επιδημιολογικής Βάσης Δεδομένων', στα Πρακτικά του 37ου Πανελλήνιου Ιατρικού Συνεδρίου, 17-21 Μαΐου , 2011, Αθήνα, P101, pg. 28.
- Βιέννας, Ε., Γκαντούνα, Β., Αντωνίου, Δ., Γεωργίτση, Μ., Χολέβα, Ε., Γκοβάτσης, Μ., Πατρινός, Γ., Τζήμας, Ι., & Πουλάς, Κ. (2011), 'dAUTObase: Καταγραφή της Επιδημιολογίας των Αυτοάνοσων Νοσημάτων', στα Πρακτικά του 37ου Πανελλήνιου Ιατρικού Συνεδρίου, 17-21 Μαΐου , 2011, Αθήνα, P101, pg. 28.
- Meridou, D., Antoniou, D., Viennas, E., Patrinos, G., Poulas, K., & Tzimas, G. (2011), '**HELPIDA: Developing the first national epidemiological database**', in the Proceedings of the 6th Conference of the Hellenic Society for Computational Biology and Bioinformatics (HSCBB11), October 7-9, 2011, Patras, Greece.
- Thireou, T., Hatzis, Y., Atlamazoglou, V., Viennas, E., Tzimas, G., Poulas, K., Papadopoulos, G.K., & Eliopoulos, E. (2011), '**RGDtrip: a database for the investigation of proteins containing the RGD tripeptide**', in the Proceedings of the 6th Conference of the Hellenic Society for Computational Biology and Bioinformatics (HSCBB11), October 7-9, 2011, Patras, Greece.
- Ioannou, M., Markis, C., Tzimas, G., & Viennas, E. (2011), '**A Text Mining Approach for Biomedical Documents**', in the Proceedings of the 6th Conference of the Hellenic Society for Computational Biology and Bioinformatics (HSCBB11), October 7-9, 2011, Patras, Greece.

Program Committee and chairs

- 4th Scientific Conference for undergraduate and graduate students in Informatics and Related Applications (EUREKA! 2010), October 14-15, 2010, Patras, Greece. – robotics session chair
- 2nd Mining Humanistic Data Workshop - EANN 2013 - Website and Advertising chair