Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Dr. Aggelos Liapis** (PostDoc, PhD, MSc, MRes, BSc)
Address(es)	14a, Xelidonous Street, 14561, Kifisia, Athens, Greece
Telephone(s)	+ 30 6946315552 / +30 2155205711
E-mail	agliapis@gmail.com
Linkedin Profile	https://gr.linkedin.com/in/aggelosliapis
Skype	agliapis
Nationality	Greek
Date of birth	02/10/1979
Gender	Male

Work experience

Dates	**05/2017 – Present**
Occupation or position held	**Chief Executive Officer (CEO) – Konnekt-able Technologies Ltd.**
Name and address of employer	***Konnekt-able Technologies Ltd., Dundalk, Co. Louth, Ireland***
Type of business or sector	Information Technology Services
Dates	**01/2018 – Present**
Occupation or position held	**Manager of EU Research & Innovation Development – Decision Support Systems Laboratory, EPU – National Technical University of Athens (NTUA)**
Main activities and responsibilities	As Manager of EU Research & Innovation Development of the Decision Support Systems Laboratory, EPU – National Technical University of Athens my roles and responsibilities include: - Setting the research roadmap for the Decision Support Systems Laboratory in close collaboration with the Director of the lab - Securing participation of NTUA in high quality consortia and carefully preparing funding proposals. - Establish key relationships with University academics and Colleges, with national and international organisations including the business community leading to an increase in secured income for Horizon 2020 and other European funds. - Take the lead on increasing our international presence, in particular through regular attendance at meetings in Brussels with EC and supporting academic staff in networking at an international level and brokering new profitable relationships.
Name and address of employer	***National Technical University of Athens (NTUA), Athens, Greece***
Type of business or sector	Academia – University
Dates	**12/2015 – 12/2017**
Occupation or position held	**Head of EU Research & Innovation Development (ELTRUN / ACE) – Athens University of Economics and Business**
Main activities and responsibilities	As Head of EU Research & Innovation Development of the e-Business Research Center (ELTRUN) and the Athens Center for Entrepreneurship and Innovation (ACE) at Athens University of Economics and Business my roles and responsibilities include: - Setting the research roadmap for the e-Business Research Center in close collaboration with the Director(s) of the lab(s) - Securing participation of ELTRUN & ACE in high quality consortia and carefully preparing funding proposals. - Development of proposal ideas, implementation of consortia, ensuring alignment of the proposal submission with the roadmaps of ELTRUN & ACE. - Establish key relationships with University academics and Colleges, with national and international organisations including the business community leading to an increase in secured income for Horizon 2020 and other European funds. - Take the lead on increasing our international presence, in particular through regular attendance at meetings in Brussels with EC and supporting academic staff in networking at an international level and brokering new profitable relationships. - Increase awareness of EC opportunities through liaison with and the coaching of academic staff and the start-up companies of ACE.

New Projects under my management	H2020-EU.2.1.1 – **TT** – Transforming Transport **Acronym**: TT / Project Reference: 731932 **Instrument**: IA / **Duration**: 3 Years **Total Cost**: 18 694 796,88 EUR / **EU Contribution**: 14 631 935,45 EUR **Role:** Management of the proposal preparation for AUEB H2020-MG-2017-Two-Stages – **COG-LO**- COGnitive Logistics Operations through secure, dynamic and ad-hoc collaborative networks **Acronym**: COG-LO/ Project Reference: 769141 **Instrument**: RIA / **Duration**: 3 Years **Total Cost**: 4,999,923 EUR / **EU Contribution**: 4,999,923 EU **Role:** Management of the proposal preparation for AUEB
Name and address of employer	***Athens University of Economics and Business, Athens, Greece***
Type of business or sector	Academia – University
Dates	**08/2015 – Present**
Occupation or position held	**Mentor Open Data Incubator Europe (ODINE)**
Main activities and responsibilities	The particular post allows me to be an active member of the open data community, by mentoring start-up companies to take advantage of the breadth of information that is available online focussing in the following areas: • Data/Tech • Product Development • Innovation Management
Name and address of employer	**ODINE - Open Data Incubator Europe -** https://opendataincubator.eu/
Type of business or sector	Academia – Research
Dates	**12/2012 – 10/2015**
Occupation or position held	**Senior Research & Innovation Manager, – INTRASOFT International SA**
Main activities and responsibilities	As a Senior Research and Innovation Manager of the Research and Innovation Department of INTRASOFT International SA my role is to scope, plan and deliver R&D projects and initiatives, meet specified business needs, control resources from several areas and achieve agreed cost, time and quality objectives. On Business Development My responsibilities include: • Securing participation of INTRASOFT in high quality consortia and carefully preparing funding proposals. Development of proposal ideas, implementation of consortia, contact new and existing INTRASOFT business contacts ensuring alignment of the proposal submission with the company's roadmap. • The development of the necessary alliances with Academia, Consultants, Other IT Companies, and Public Sector Representatives. • The systematic exploitation of all suitable opportunities (relevant events, congresses, public discussions, EU meetings) to promote the company's image as leading IT Technology Company. • Developing estimates of resources, costs and durations and based on these, creating a high-level project schedule and requesting appropriate resources. Facilitating the development of all elements of the project plans and schedule according to the project brief; agreeing all plans with the relevant stakeholders. On R&D Management my responsibilities include: • Managing, maintaining and tracking the overall project plan, controls, budget and work assignments according to established Description of Work. • Reporting project status (schedule, cost, benefit, risk, issues and scope) to all stakeholders on a regular agreed basis. • Performing comparisons of estimated and actual costs and completing financial closeout. • Facilitating the project evaluation and obtaining approval to closeout the project, documented within end project report. • Maintaining a dialogue with the Project Officer to ensure that defined project processes are followed.
New Projects under my management	FP7-ICT-2011-9 – **DIACHRON**- Managing the Evolution and Preservation of the Data Web **Acronym**: DIACHRON / Project Reference: 601043 **Instrument**: Integrated Project (IP) / **Duration**: 3 Years

Total Cost: 6,386,159.00 EUR / **EU Contribution**: 4,989,996.00 EU
Role: Overall coordination of the project & Project Management of the Technical Work Package and the Dissemination and Exploitation activities

FP7-ICT-2013-10 – **COnCEPT** – COllaborative CrEative design PlaTform
Acronym: COnCEPT / Project Reference: 610725
Instrument: (Small or medium scale focused research project) (STREP) / **Duration**: 3 Years
Total Cost: 4,811,760.00 EUR / **EU Contribution**: 3,352,988.00 EUR
Role: Conception of the idea, implementation of the proposal and the consortium, scientific and technical coordination of the project

FP7-SEC-2013-1– **IMPRESS** – IMproving Preparedness and Response of HEalth Services in major criseS
Acronym: IMPRESS / Project Reference: 608078
Instrument: (Small or medium scale focused research project) (STREP) / **Duration**: 3 Years
Total Cost: 4,426,909.00 EUR / **EU Contribution**: 3,412,141.00 EUR
Role: Overall coordination of the project & Project Management of the Technical WorkPackage

FP7-2012-NMP-ICT-FoF – **Sense & React** – The context-aware and user-centric information distribution system for manufacturing
Acronym: Sense & React / Project Reference: 314350
Instrument: Integrated Project (IP) / **Duration**: 3 Years
Total Cost: 8,959,218.00 EUR / **EU Contribution**: 5,822,723.00EUR
Role: Project Management of the Technical Work package and the Exploitation activities of the project

FP7-ICT-2011-7 – **ARTISAN** – Energy-aware enterprise systems for low-carbon intelligent operators
Acronym: ARTISAN / Project Reference: 287993
Instrument: (Small or medium scale focused research project) (STREP) / **Duration**: 3 Years
Total Cost: 3,494,658.00 EUR / **EU Contribution**: 2,414,976.00 EUR
Role: Project Management of the Technical Work package and the Exploitation activities of the project

Name and address of employer	*INTRASOFT International SA, Athens, Greece*
Type of business or sector	IT - Industrial Research and Development
Dates	**01/2009 – 11/2016**
Occupation or position held	**Associate Professor / Senior Research Fellow – The Robert Gordon University**
Main activities and responsibilities	As an honorary Associate Professor and Senior Research Fellow my current research interests, focusing in the following areas: Innovation Management Platforms, Collaborative Design Environments, Knowledge Management, Ontology Engineering, Web 2.0 – Social Web, Semantically Driven Enterprise Systems, Computer Supported Collaborative Work (CSCW), Computer Based Data Retrieval (CBDR). Community-driven Creativity and Innovation.
Name and address of employer	*The Robert Gordon University, Aberdeen, Scotland, UK*
Type of business or sector	Academia – University
Dates	**09/2010 – 12/2012**
Occupation or position held	**Director of Research & Development – EUROPEAN DYNAMICS SA**
Main activities and responsibilities	- Implementation of the R&D roadmap of EUROPEAN DYNAMICS SA - Participation in the business development and new customer acquisition efforts of the company - Coordination of the European Commission funded projects of the company - Quality Assurance and implementation of research and development proposals and deliverables - Identify and prepare appropriate materials/collateral for different markets/sectors/verticals. - R&D proposal writing and implementation/organisation of consortia
New Projects under my management	FP7-SEC-2013-1 – **COncORDE** – Development of Coordination Mechanisms During Different Kinds of Emergencies **Acronym**: COncORDE / Project Reference: 607814 **Instrument**: CP-FP (Small or medium scale focused research project) / **Duration**: 3 Years **Total Cost**: 4,426,084.00 EUR / **EU Contribution**: 3,378,212.00 EUR **Role:** Conception of the idea, implementation of the proposal and the consortium, coordination and development of the successful project

FP7-SEC-2013-1 – TACTIC – Tools, methods And training for CommuniTIes and Society to better prepare for a Crisis.
Acronym: TACTIC / Project Reference: 608058
Instrument: CSA-SA (Support Actions) / **Duration**: 2 Years
Total Cost: 999,236,00 EUR / **EU Contribution**: 999,236,00 EUR
Role: Technical partner of the consortium

FP7-SEC-2012-MEDUSA – A Semantically Driven Platform to Support the Post-Disaster Relief Lifecycle (01/10/2012 – 01/10/2015)
Acronym: MEDUSA / **Project Reference**: 312630
Instrument: CP-FP (Small or medium scale focused research project) / **Duration**: 3 Years
Total Cost: 4,815,671.00 EUR / **EU Contribution**: 3,444,517.00 EUR
Role: Conception of the idea, implementation of the proposal and the consortium, coordination and development of the successful project

FP7-SEC-2012-1-COSMIC – The Contribution of Social Media in Crisis Management (01/10/2012 – 01/10/2014)
Acronym: COSMIC **/ Project Reference**: 312737 **/ Duration**: 2 Years
Instrument: CSA (Coordination and Support Actions) / **Duration**: 2 Years
Total Cost: 1,428,648.00 EUR / **EU Contribution**: 997,041.00 EUR
Role: Implementation of the proposal and the consortium, coordination and development of the successful project

CIP-ICT-PSP-2012-6 – WWWW – Win Win Win Win (01/12/2012 – 01/12/2015)
Acronym: WWWW / **Project Reference**: 325220
Instrument: Pilot B – Theme 3 – ICT for health, ageing well and Inclusion / **Duration**: 3 Years
Total Cost: 4,918,712 EUR / **EU Contribution**: 2,459,356 EUR
Role: Technical partner of the consortium

Name and address of employer	***EUROPEAN DYNAMICS SA, Athens, Greece***
Type of business or sector	IT - Industrial Research and Development
Dates	**04/2009 – 09/2009**
Occupation or position held	**Project & Operations Manager (Consultant under a contract) – Startstream**
Main activities and responsibilities	As a project and operations manager my main role was to plan, organise and manage the resources of the company according to the goals and objectives of the projects. I was in close collaboration with the CEO and the directors of the company. My primary function was to ensure that all aspects of our fixed projects are delivered on schedule and to the company's satisfaction. In more detail my role included: • Understanding and defining scope/desired outcome • Setting target dates - initially and update as needed • Estimating time and resources to do the work • Defining key deliverables • Defining a task plan with an appropriate Work Breakdown Structure, duration, and resources • Providing periodic status reports • Critical paths identification, tracking and resolution • Orchestrate and ensure milestones sign-off with decision makers • Plan, organize and manage all relevant project meetings
Name and address of employer	***Startstream, Brussels, Belgium***
Type of business or sector	IT
Dates	**01/2009 – 04/2009**
Occupation or position held	**Product Development Manager (Consultant under a contract) - ArKaos**
Main activities and responsibilities	As a Product Development Manager I was collaborating closely with the CEO to coordinate the development of several new software products following Agile software development techniques. I was interacting and travelling to visit several external partners to define and follow up the life cycle of our current products. More specifically my responsibilities included the following: • Creating and executing project work plans • Identify resources needed and assign individual responsibilities • Manage day-to-day operational aspects of a project and scope

	• Review the deliverables prepared by team • Follow up on external partners
Name and address of employer	*ArKaos – Interactive Visual Technologies, Brussels, Belgium*
Type of business or sector	IT
Dates	**09/2007 – 01/2009**
Occupation or position held	**Research and Development Coordinator - Senior Researcher – Vrije Universiteit Brussel**
Main activities and responsibilities	As a research and development coordinator in Vrije Universiteit Brussel my duties involved the following:

As a research and development coordinator in Vrije Universiteit Brussel my duties involved the following:

- Setting the roadmap for the research lab in collaboration with the director of the lab
- Collaborating with world class research institutions and industrial partners
- General organization of the research lab (VUB-STARLab)
- **Lecturing: 235 Hours**
- Representation of the lab in business events, general assemblies and cluster meetings
- Supervision of lab's PhD and Master's students
- Responsible for the training of the junior researchers
- Overall management and technical coordination of the lab's European Commission funded projects:
  - **FP7-ICT-2007-TAS3** (01/01/2008 – 31/12/2011) - Trusted Architecture for Securely Shared Services
    Project Reference: 216287
    Instrument: Integrated Project – (IP)
    Duration: 4 Years
    Total Budget: 17.928.087 EUR
    EU Contribution: 9.400.000 EUR
    Website: http://www.tas3.eu/
    I was the project manager for VUB STARLab. The TAS³ project researches & develops a trusted architecture and set of adaptive security services which will preserve personal privacy and confidentiality in dynamic environments. Specifically, TAS³ will provide a next generation trust & security architecture that is ready to:
    1. Meet the requirements of complex and highly versatile business processes,
    2. Enables the dynamic user-centric management of policies,
    3. Will ensure end-to-end secure transmission of personal information and user-controlled attributes between heterogeneous, context dependent and continuously changing systems.

    I designed and implemented a collaborative ontology-engineering platform (OMOGENIA) that was integrated to the TAS3 framework. Furthermore he was a member of the quality assurance team with the following responsibilities:
    - Reviewed technical documentation to ensure accuracy, compliance, or completeness, or to mitigate risks.
    - Planed test schedules or strategies in accordance with the TAS3 scope and delivery dates.
    - Developed testing programs that addressed areas such as database impacts, software scenarios, regression testing, negative testing, error or bug retests, and usability.
    - Developed and specified standards, methods, and procedures to determine product quality and release readiness.
  - **FP6-IST-2005-PROLIX** (01/12/2005 – 30/11/2008)
    Project Reference: 27905
    Instrument: Integrated Project – (IP)
    Duration: 4 Years
    Total Cost: 12.095.917 EUR
    EU Contribution: 7.649.644 EUR
    Website: http://www.prolixproject.org/
    I was the project manager for VUB STARLab. PROLIX was a 48 months research and development integrated project co-funded by the European Commission under the Sixth Framework Programme, Priority 2 "Information Society Technologies"
    The objective of PROLIX was to align learning with business processes in order to enable organisations to faster improve the competencies of their employees according to continuous changes of business requirements. To reach this goal, PROLIX developed an open, integrated reference architecture for process-oriented learning and information exchange. PROLIX supported a complete learning process life cycle:

- The analysis of complex business situations;
- The identification of individual and organisational learning goals;
- The analysis of competencies and their matching with individual skills;
- The definition of appropriate learning strategies and the simulation of competency oriented processes;
- The execution of improved learning processes;
- The monitoring of learners' performance according to the goals defined.

I coordinated and managed the contribution of VUB STARLab in the following deliverables: ontology creation and evolution methodology and tool kit, annotation methodology and toolkit to link up (anchor) NL-concepts in competency descriptions and business/learning models to an ontology, consultancy for the methodologies and training of end users.

- **MRTN-CT-2006-035763-3DAH** (01/10/2006 – 30/09/2010) - Three Dimensional Anatomical Human
  Duration: 4 Years
  Website: http://3dah.miralab.ch/index.php
  I was the project manager for VUB STARLab and the Post Doc Researcher of the project. The main objective of the 3D anatomical human network was to increase, by scientific exchange, the development of new technologies and knowledge around virtual representations of human body for interactive medical applications. The main goal of the network was the development of realistic functional three-dimensional models for the human musculoskeletal system focusing on the lower limb.
  I implemented the following deliverables:
  - Implementation of a collaborative ontology engineering platform (HCS)
  - Integration of Knowledge Management platform (OpenKM):
  - Collection of different parts of knowledge from domain-experts (e.g. medical doctors, researchers) in the form of templates which can be submitted online.
  - Supporting domain-experts to create templates, which interact with STARLab's DOGMA server. Templates provide elementary data to fill the ontology framework.
  - Interdisciplinary Domain management: Laying bridges where data is created and disseminated (e.g. set disciplines in relation to each other: MRI, physics and medical knowledge).
  - Building information management framework considering distributed and collaborative settings, such as the Semantic Web, where ontologies naturally co-evolve with their communities of use - a new way of knowledge sharing inside the network.

- **AMIE- IWT / ITEA2** (01/05/2007 – 31/01/2010) Ambient Intelligence for the Elderly –
  Duration: 3 Years
  Website: http://www.amieproject.com/
  I was the project manager for VUB STARLab and the QA expert of the project.
  The main goal of AmIE project was to offer a comprehensive response to the above concerns through the development and testing of a complete intelligent, distributed system (including sensors, actuators, distributed intelligence, databases, ubiquitous connectivity and friendly adaptive interfaces as its main ingredients) whose target was to improve the quality of life, providing customized support to all people in need of assistance, according to their own specific situation, and in a non-intrusive and respectful way. More specifically, the system is able to adapt to the users' needs and character, helping them in getting through their daily routine in a way that is effective in providing support where needed without making them feel humiliated by excessive attention.

- **KNOWLEDGE WEB (EC-IST FP6-507482)** (01/01/2004 – 31/12/2008)
  Project Reference: 507482
  Instrument: Network of Excellence (NoE)
  Duration: 3 Years
  EU Contribution: 6.700.000 EUR
  Website: http://knowledgeweb.semanticweb.org/semanticportal/sewView/frames.html
  I was the project manager for VUB STARLab and the Project. The aim of the project was to strengthen the European industry and service providers in one of the most important areas of current computer technology: Semantic Web enabled e-work and e-commerce. Efforts will be concentrated around the outreach of this technology to industry. Naturally, this includes education and research efforts to ensure the durability of impact and support of industry.

- *Dip (EC-IST - FP6-507483)* (01/01/2004 – 31/12/2008) - *Data, Information, and Process Integration with Semantic Web Services.*
  Project Reference: 507483
  Instrument: Integrated Project
  Duration: 4 Years

Total Cost: 15.361.057 EUR
EU Contribution: 10.100.000 EUR
Website: http://dip.semanticweb.org/
I was the project manager for VUB STARLab. The DIP project dealt with the integration of data, information, and process. With the networked economy coming ever closer, integration efforts between organizations must increase significantly. Therefore, we developed Semantic Web Services as a scalable and cost effective solution to the integration problem. The core technological approach of this project was the combination of Web Service and Semantic Web technology.

o **ITEA 2 DIY-SE** (01/03/2009 – 28-02-2012) Do-It-Yourself Smart Experience
Duration: 3 Years
Website: http://soft.vub.ac.be/amop/projects/diy-se
I was the project manager for VUB STARLab. The DiY SE project will enable people to direct their everyday environment into a highly personalized meaningful communication/interaction experience that can span the home and city domains. The project aims to create a sustainable marketplace for user-generated application (components) in which non-technical literate users can participate. The proposed Do-it-Yourself approach is supported and motivated by visions on an Open Society in which citizens are empowered to form and hare their own view of reality. The project aims to contribute substantially to the open Internet-of-Things world and the transition to Web 3.0
I coordinated and managed the contribution of VUB STARLab in the following deliverables: Community-based Ontology Creation methodology, Ontology-based Matching and Searching, Ontology modeling, Semantic Decision Making.

As a senior researcher my area of expertise focuses in the field of semantics and particularly the area of ontology engineering and its contribution to the broad area of Computer Supported Cooperative Work (CSCW). The aim of the particular research is to set the foundations for a new generation of fully customizable, usable, semantically driven collaborative environments focused to support communities of expertise.

Name and address of employer	*Vrije Universiteit Brussel, Belgium*
Type of business or sector	Academia - University
Dates	**10/2004 – 09/2007**
Occupation or position held	**Researcher, Software Developer, AdHoc Demonstrator in Computing – The Robert Gordon University**
Main activities and responsibilities	As an AdHoc Demonstrator my duties involved organising and presenting software development lectures (Visual Studio 2005, Java, JavaBeans, PHP/MySQL, Apache, AJAX, XTML, CSS) as well as lab sessions to 2nd and 3rd year Bachelor undergraduates and Masters level postgraduates. As a researcher and software developer my duties involved the completion of my PhD research including the development of a prototype computer mediated collaborative design environment (Visual Studio 2005, Borland Java Builder 2006, AJAX, JavaBeans) as well as the completion of the following projects: • Project ISpace (Team Leader): The main objective of this project was to develop a virtual learning environment for students and academics suffering from dyslexia. Languages and tools used: Html, Php/MySql, AJAX, Javascript, CSS, Macromedia Flash, Dreamweaver, Freehand. • Extended evaluation of UK's Virtual Learning Environments (VLEs) • Evaluation of Robert Gordon University's Virtual Learning Environment (Moodle) Languages and tools used: Camtasia Studio, Macromedia Breeze • Development of the IDG graphic designer website Languages and tools used: Html, Macromedia Flash, Javascript, SQL, XML **Lecturing Hours: 576 Hours**
Name and address of employer	*The Robert Gordon University. Aberdeen, UK*
Type of business or sector	Academia - University
Dates	**09/2000 – 12/2004**
Occupation or position held	**Self-employed IT Consultant, Software Developer, Web Designer**

Main activities and responsibilities	My duties included effectively communicating with clients both orally and in writing, following client brief directions whilst working independently on software development. I was responsible for designing and developing client websites and did software testing and evaluation using the tools and languages displayed in the IT skills section of the CV.
Name and address of employer	*Liveperson & Guru.com, Aberdeen, UK*
Type of business or sector	IT

Dates	**04/1998 – 12/1998**
Occupation or position held	**Software Developer – Medicon Hellas**
Main activities and responsibilities	My duties involved the development and maintenance of the client database.
Name and address of employer	*Medicon Hellas, Athens, Greece*
Type of business or sector	IT

Dates	**02/1998 – 03/1998**
Occupation or position held	**IT Support – Oplotexniki**
Main activities and responsibilities	My duties involved maintenance of the company's network. During my employment I managed to: • Respond quickly and resolve software and hardware problems thus improving my diagnostic and problem solving skills • Upgrade the system's computers with the latest applications and hardware • Organise internal training sessions and update the company's database • Appreciate the importance of project control, formal documentation and communication within a team
Name and address of employer	*Oplotexniki, Athens, Greece*
Type of business or sector	IT

Education and training

Dates	**2007 – 2009**
Title of qualification awarded	**PostDoc (Marie Curie Studentship)**
Principal subjects/occupational skills covered	Three Dimensional Anatomical Human (3DAH)
Name and type of organisation providing education and training	*VRIJE UNIVERSITEIT BRUSSEL, Brussels, Belgium*

Dates	**2004 – 2007**
Title of qualification awarded	**PhD (EPSRC Studentship)**
Principal subjects/occupational skills covered	Computer Mediated Collaborative Design Environments
Name and type of organisation providing education and training	*THE ROBERT GORDON UNIVERSITY, Aberdeen, UK*

Dates	**2004 – 2006**
Title of qualification awarded	**POSTGRADUATE DIPLOMA**
Principal subjects/occupational skills covered	Research Methods
Name and type of organisation providing education and training	*THE ROBERT GORDON UNIVERSITY, Aberdeen, UK*

Dates	**2003 – 2004**
Title of qualification awarded	**POSTGRADUATE DEGREE (M.Sc) (British Telecoms & ESF Scholarship)**
Principal subjects/occupational skills covered	Network Systems
Name and type of organisation providing education and training	*SUNDERLAND UNIVERSITY, Sunderland, UK*

Dates	**2002 – 2003**

Title of qualification awarded	**POSTGRADUATE DEGREE (M.Sc. by Research) (Hewlett Packard Scholarship)**
Principal subjects/occupational skills covered	Computer Graphics and Virtual Environments
Name and type of organisation providing education and training	*HULL UNIVERSITY, Hull, UK*
Dates	**1999 – 2002**
Title of qualification awarded	**BACHELORS DEGREE (B.Sc.) in Computer Science (Software Development)**
Principal subjects/occupational skills covered	Software Engineering, Programming (Pascal, C/C++, Visual Basic, Java, Perl, Prolog), Databases, Networks, Distributed Systems
Name and type of organisation providing education and training	*LINCOLN UNIVERSITY, Hull, UK*

Personal skills and competences

Social Skills	Rapid integration into working groups that may include persons with different cultures and personalities. Companiable person with collaboration spirit.
Organisational Skills	Familiar with the hierarchical structure of working groups, teamwork, work under pressure, management of working groups and efficient work package scheduling.
Application Development and Analysis	Fast adaptation into various application development environments and short learning curve of new programming languages. Knowledge of formal application analysis and specification gathering techniques. Extended knowledge and practical experience of database design and normalization techniques.

Computer skills and competences

Ontology Engineering, Ontology Development, Semantic Web	**Languages**: OWL (1.0, 2.0), RDF, SWRL, SWRL, SQWRL, SPARQL **Reasoners**: Pellet, HermiT, RacerPro, Jess **Tools**: Protégé **API**: Protégé OWL API, OWL API, Jena Semantic Web Framework
Application Development, Programming Languages	**J2EE**: JSF, Richfaces, Primefaces, Icefaces, Hibernate, JPA, Jboss, Apache Tomcat **.Net**: ASP.Net, VB.Net, C#.Net, LINQ, IIS **Databases**: MSSQL Server, MySql, SQL, Oracle 11g, Access **Web**: Web services, PHP, Ajax, Javascript
Operating Systems	Windows (XP, Vista, 7, 8), MacOS and Linux operating systems
Programming Environments	Oracle Designer, Oracle JDeveloper, Oracle Developer Suite, Oracle Enterprise Manager, Eclipse IDE for Java Developers, Oracle Warehouse Builder
Special Software	Ms Office (word, excel, project manager, visio, access, powerpoint, publisher), AutoCAD, Adobe Photoshop, Adobe ImagaReady, Adobe Acrobat Professional, MuleSoft ESB
Software Engineering Methodology	UML, Use case analysis, State-transmission diagrams, data-glow diagrams, reference modeling
Other	C, C++, MFC, Delphi, XML Video analysis with OpenCV Documentation tools like Libre Office and LATEX

Technical skills and competences

Information Systems	• Requirements and specifications analysis, implementation and management of information systems. • Design and implementation of information systems and web and Windows-based applications Security mechanisms for distributed services and distant users access • Data integrity and consistency in large-scaled information systems • Information systems integration and interoperability solutions • Design and implementation of content management systems for large-scaled information systems
Special issues	• Internet technologies, web access, applications interface • Multimedia applications • Design and evaluation of reference models • Messaging systems and protocols in application level of OSI Reference Model

- Multimedia data encoding
- Technical consulting in services architecture, information system design
- Organization and writing of technical documents and reports
- Setting technical specifications for large-scaled information and telecommunication systems

| Mother tongue(s) | **Greek** |

| Other language(s) | **English, French** |

Self-assessment	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
French	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user

(*) Common European Framework of Reference for Languages

| **Certifications** | CMMI-DEV 1.3 Auditor, CUNIX - CMMI Institute Partner, September 2015 |

| **Memberships and Affiliations** | Future Internet Enterprise Systems – Enterprise Interoperability Scientific Base member |

Member of the British Computing Society
Big Data Roadmap for Europe 2020 – [BYTE] Member of the advisory board

Invited Talks

- Liapis, A. (2018) "Drug Research and Innovation: Hippocrates platform.", 9th Conference on Pharmacy & Medical Management, 20-21 Jan 2018, Athens Greece
- Liapis, A. (2017) "BigData infrastructures in Healthcare systems", BYTE Final Conference 2017, London, UK
- Liapis, A. (2016) "The Role of BigData in Healthcare", BDVA Summit 2016, Valencia, Spain
- Liapis, A. (2015) " Design Driven Innovation", Hellenic Forum 2015
- Liapis, A. (2014) "The role of Design in Business Innovation", Greek Innovation Forum, Athens, Greece
- Liapis, A. (2009) "Towards a Scientific Foundation for Interoperability", Enterprise Interoperability Science Base (EISB), European Commission Premises, Brussels, Belgium
- Liapis, A. (2008) "Enterprise Interoperability Research Roadmap Grand Challenges", Enterprise Interoperability Science Base (EISB), European Commission Premises, Brussels, Belgium
- Liapis, A. (2008) "Collaboration Across the Enterprise", Enterprise Interoperability Cluster Meeting, European Commission Premises, Brussels, Belgium
- Liapis, A. (2008) "Science Base for Enterprise Interoperability: Knowledge Management: Taxonomy / Ontology", Enterprise Interoperability Cluster Meeting, European Commission Premises, Brussels, Belgium
- Liapis, A. (2008) "Data Elicitation for Ontologies" Invited talk at the First European Summer School of the EU Project Three Dimensional Anatomical Human, Centre for Research, Development and Advance Studies, Sardegna Research Park, Cagliari, Italy
- Liapis, A. (2008) "OMOGENIA: A Semantically Driven Collaborative Environment ", Enterprise Interoperability Cluster Meeting, European Commission Premises, Brussels, Belgium
- Liapis, A. (2007) "Usable Interfaces for Product Designers" Knowledge Transfer Partnership (KTP) Exposition, Aberdeen, UK,
- Liapis, A. (2006) "Effective CSCW environments", The Robert Gordon University & Knowledge Transfer Partnerships, Aberdeen, UK

Chair in Conferences and Workshops

- Liapis, A. (2007) Chair in Information Systems and Business Intelligence session, International Association for the Scientific Knowledge Conference, IASK-EALT 2007, Porto, Portugal
- Hoppenbrouwers, J., Liapis, A. (2007) Ontology Outreach Advisory, workshop in Human Capital Summit 2007 Conference, Maastricht, The Netherlands

Reviewer in International Journals

- International Journal of Information, Communication and Ethics in Society, ISSN: 1477-996X, Emerald/Insight
- International Journal of Computer Integrated Manufacturing, ISSN: 0951-192X (Print), 1362-3052 (Online), Taylor & Francis
- International Journal of Production Research (IJPR), ISSN:0020-7543, Taylor & Francis

Reviewer in EC Funded Programmes	• Open Data Incubator for Europe (ODINE) • FP7 – ICT reviewer • FP7 - SECURITY reviewer • Eurostars (EUREKA) technical expert / reviewer for the Eurostars Programme
Contributions to EC Roadmaps	• **Liapis, A.** (2014) "Workshop report on The Future of ICT for Creativity and Creative Industries", European Commission, Creativity Unit, DG CONNECT, Luxembourg • **Liapis, A.** (2011) "Position Paper on Orientations for H2020: A European Innovation Partnership for Catalysing the Competitiveness of European Enterprises", European Commission, Information Society and Media, Brussels, Belgium • **Liapis, A.** (2009) " Position paper on the roadmap of Future Internet Enterprise Systems", European Commission, Information Society and Media, Brussels, Belgium
Edited Books	• Markopoulos, P., Martens, J.B., Malins, J., Coninx, K., **Liapis, A.**, (**2016**) "Creative Collaboration: Principles, Methods and Tools for Early Design", Human Computer Interaction Series, London: Springer Verlag. • **Liapis, A.**, (2011) "Computer Mediated Collaborative Design Environments: Methods and frameworks to integrate creative tools to support the early stages of the design process", ISBN: 978-3-8465-0699-8, LAMBERT Academic Publishing • **Liapis, A.**, Malins, J. (**Under Development**) "Virtual Teams and Collaborative Environments: Knowledge Driven Creativity", IGI Global, Harrisburg, PA
Relevant Scientific Publications	• Zampou, E., Milioti, C., **Liapis, A.**, Rodrigalvarez, V., Flocke,F, Dimitrakopoulos, G., Bravos, G. (2018) "Big data analytics in e-commerce logistics: Findings from a systematic review and a case study" in the proceedings of Transport Research Arena 2018, "Vienna, Austria • Maciver, F., Malins, J., Kantorovich, J., **Liapis, A.** (2016) "**United we stand: A critique of the design thinking approach in interdisciplinary Innovation**" in the Proceedings of the 50th Design Research Society Conference, 27-30 June 2016, University of Brighton, UK. • **Liapis, A.**, Didaskalou, A., Thiveos, K. (2016) "The COnCEPT Project: Decoding the IT needs of the professional designer when in remote collaboration during the early stages of the design process" International Journal of Computer and Communication Engineering (IJCCE), Volume 5, pages 141 - 150 • **Liapis, A.**, Haesen, M., Kantorovich, J., Alcantara, J.M. (2016) "Decrypting the IT needs of the designer during the creative stages of the design process" in **Markopoulos, P., Martens, J.B., Malins, J., Coninx, K., Liapis, A.**, "Creative Collaboration: Principles, Methods and Tools for Early Design", Human Computer Interaction Series, London: Springer Verlag. • **Liapis, A.**, Kopanaki, E. (2015) "Towards Facilitating Innovation Across Creative Industries from Idea Conception to Production". Paper accepted in Italian Chapter of the Association for Information Systems (ITAIS2015). • Maciver, F., Malins, J., **Liapis, A.** (2015) "Developing software using a 'design approach: Using ICT to enhance product design practice'. in the Proceedings of the 11th International European Academy of Design, 22-24 April 2015, Université Paris Descartes. • **Liapis, A.**, Kostaridis, A., Ramfos, A., Hall, I., Degaetano, A., Koutras, N., Dobrinkova, N., Leventakis, G., Olunczek, A., Seynaeve, G., Boustras, G., Gogosis, K. (2015) " A Position Paper on Improving Preparedness and Response of Health Services in Major Crises' in the Proceedings of the Second International Conference on Information Systems for Crisis Response and Management in Mediterranean Countries (ISCRAM-med 2015) • Maciver, F., Malins, J., **Liapis, A.** (2015) "New Contexts, Requirements and Tools to Enhance Collaborative Design Practice" in the Proceedings of the European Academy of Design 2015: The Value of Design Research Track 23: Design research for making things differently with more dynamic and inclusive approaches • **Liapis, A.**, Didaskalou, A., Thiveos, K. (2015) "The COnCEPT Project: Decoding the IT needs of the professional designer when in remote collaboration during the early stages of the design process" in the proceedings of 4th International Conference on Information Computer Application ICICA 2015, Amsterdam, Netherlands, 12-13 February, 2015 • Kantorovitch, J., Niskanen, J., Zafeiropoulos, A., **Liapis, A.**, Garrido, J., Didaskalou, A. and Motta, E. (2015) Knowledge Extraction and Annotation Tools to Support Creativity in the Initial Stage of Product Design: Requirements and Assessment. Extended version of KICSS paper is invited/to appear in Springer book on "Advances in Intelligent Systems and Computing", ISSN 2194-5357, in 2015. • Maciver, F., Malins, J., **Liapis, A.** (2014) "New Contexts, Requirements and Tools to Enhance Collaborative Design Practice" in the proceedings of European Academy of Design 2015 (EAD11:

The Value of Design Research Track 23: Design research for making things differently with more dynamic and inclusive approaches.

- Kantorovitch, J., Niskanen, J., Zafeiropoulos, A., **Liapis, A.**, Garrido, J., and Motta, E. Knowledge Extraction and Annotation Tools to Support Creativity in the Initial Stage of Product Design: Requirements and Assessment. Accepted to the 9th International Conference on Knowledge, Information and Creativity Support Systems (KICSS'2014), Nov. 6-8, Limassol, Cyprus

- **Liapis, A.**, Kantorovitch, J., Malins, J., Zafeiropoulos, A., Haesen, M., Gutierrez, M., Funk, M.,Alcamtara, J., Moore, J.P. and Maciver, F. (2014) "COnCEPT: Developing Intelligent Information Systems To Support Collaborative Working Across Design Teams" 9th International Joint Conference on Software Technologies, ICSOFT 2014, Vienna, Austria, 29-31 August, 2014

- Malins, J., **Liapis, A.**, Markopoulos, P., Laing, R., Coninx, K., Kantorovitch, J., Didaskalou, A. (2014) "Supporting the Early Stages of the Product Design Process: Using an Integrated Collaborative Environment" in Proceedings of the 6th International Conference on Engineering and Product Design Education Conference, EPDE 2014, University of Twente, Enschede, The Netherlands.

- Alexopoulos, K., Makris, S., Sipsas, K., **Liapis, A.**, Chryssolouris, G. "Towards a role-centric and context-aware information distribution system for manufacturing", The 8th International Conference on Digital Enterprise Technology (DET2014), Stuttgart, Germany 2014

- Malins, J., Gray, C. and **Liapis, A.** (2014) "Trialogical Learning: a new framework for learning through the creative relationship between emerging technologies and multiple participants" in: Bihanic, D. (ed.) 'User Empowerment: Interdisciplinary studies & combined approaches for technological products and services', London: Springer Verlag.

- **Liapis, A.**, Argyzoudis, E. (2012) "Galileo: A Collaborative Design Environment for the European Space Agency's Concurrent Design Facility) in by Hardeep, S. and Kulwant, K "Designing, Engineering, and Analyzing Reliable and Efficient Software", IGI Global, Harrisburg, PA.

- **Liapis, A.**, Michas, N., Tsopelas, N. (2011) "Qlack: Towards a New Generation of Semantically Driven Information Systems" in "Collaboration and the Semantic Web" by Brüggemann, S. and D'Amato, C., IGI Global, Hershey, PA, USA

- **Liapis, A.**, Michas, N., Tsopelas, N. (2011) "Phoenix: Employing SmartLogic to a New Generation of Semantically Driven Information Systems" in "Grid Computing: Towards a Global Interconnected Infrastructure" by Preve, N.,Computer Communications and Networks Series, Springer-Verlag, London, UK

- **Liapis, A.** (2010) " Enterprise Engineering: Design and Applications of Semantically Driven Information Systems'" In Smolnik, S., Teuteberg, F. and Thomas, O. (Eds.), Semantic Technologies for Business and Information Systems Engineering: Concepts and Applications, IGI Global, Harrisburg, PA

- **Liapis, A.** (2009) "Introducing OMOGENIA: A New Generation of Semantically Driven CSCW Systems", In Proceedings of 3D Physiological Human, International Workshop, University of Switzerland, MIRALAB, Zermatt, Switzerland, Springer LNCS

- **Liapis, A.**, Christiaens, S., (2009) " Collaboration Across the Enterprise: An Ontology Based Approach for Enterprise Interoperability" In Gregoris Mentzas, G., Panagiotis Gouvas, P., Thanassis Bouras, T., and Friesen, T. (Eds.), Semantic Enterprise Application Integration for Business Processes: Service-Oriented Frameworks, IGI Global, Harrisburg, PA

- **Liapis, A.** (2008) "Synergy: A Prototype Collaborative Environment to Support the Conceptual Stages of the Design Process", International Conference on Digital Interactive Media in Entertainment and Arts, submitted in DIMEA 2008, Athens, Greece, ACM Digital Library

- **Liapis, A.**, Christiaens, S., De Leenheer, P. (2008) " Collaboration Across the Enterprise: An Approach for Enterprise Interoperability" International Conference on Enterprise Information, ICEIS 2008, Barcelona, Spain

- Malins, J., **Liapis, A.** (2008) "Tools to Support New Product Design: A Case Study of a Design Consultancy", The Role of Information Technology in Product Development: An Introduction edited by Nambisan, S., Annals of Information Systems, ISBN: 978-1-4419-1080-6 (Print) 978-1-4419-1081-3 (Online), Springer, , New York

- **Liapis, A.**, Meersman, R. (2008) " OMOGENIA: A CSCW Flavour to Ontology Design" In Proceedings of e-Portfolio workshop, Interactive Computer Aided Learning International Conference, ICL2008, Vienna, Austria

- **Liapis, A.** (2008) " OMOGENIA: Not Another Collaborative Ontology Editor" In Proceedings of the International Conference of Education Research and Innovation, ICERI2008, Madrid, Spain

- Malins, J., Liapis, A. (2007) "The Design Educator's Toolkit" Interface: Virtual Environments in Art, Design and Education, Dublin Institute of Technology, Dublin, Ireland

- **Liapis, A.** (2007) "The Designer's Toolkit: A Collaborative Design Environment to Support Virtual

Teams" In proceedings of the International Association for the Scientific Knowledge Conference, IASK 2007, Oporto, Portugal

- **Liapis, A.** (2006) "Virtual Designer: The art of computer mediated collaborative design" In proceedings of Moving Forward: College of Arts and Social Sciences Conference, CASS 2006, Aberdeen, UK
- Malins, J., Watt, S., **Liapis, A.**, McKillop, C. (2006) "Tools and technology to support creativity in virtual teams" In S. MacGregor & T. Torres (Eds.), Virtual teams and creativity: managing virtual teams effectively for higher creativity, IGI Global, Harrisburg, PA
- **Liapis, A.** (2004) "CSCW and the Design Process", International Conference on Applications of Natural Language to Information Systems, NLDB 2004, Salford University, Salford, UK
- **Liapis, A.** (2005) "Design by Design: Developing new applications to support the design process" In proceedings of Moving Forward: College of Arts and Social Sciences Conferences, CASS 2005, Aberdeen, UK

Published Reviews

- **Liapis, A.,** Meersman, R. (2008) "OMOGENIA: A Semantically Driven Collaborative Environment",Vrije Universiteit Brussel, Belgium
- Debruyne, C., **Liapis, A.** (2008) "Ontology Gap Matching", Vrije Universiteit Brussel, Belgium
- **Liapis, A.,** Meersman, R. (2008) "OMOGENIA: A CSCW Flavour to Ontology Design", Vrije Universiteit Brussel, Belgium
- Christiaens, S., **Liapis, A.**, Meersman, R. (2008) "Enterprise Interoperability: From Business Process to Ontology, Vrije Universiteit Brussel, Belgium
- **Liapis, A.** (2007) "A Review on Web Collaboration Software", The Robert Gordon University Library, Aberdeen, UK
- **Liapis, A.** (2007) "A Review on Mind-mapping Software", The Robert Gordon University Library, Aberdeen, UK
- **Liapis, A.** (2006) "A Review on UK's Virtual Learning Environments", The Robert Gordon University Library, Aberdeen, UK
- **Liapis, A.** (2006) "A Review on Wiki systems", The Robert Gordon University Library, Aberdeen, UK
- **Liapis, A.** (2005) "A Review on Image Search Engines", The Robert Gordon University Library, Aberdeen, UK