

PERSONAL INFORMATION

Makrodimitis Georgios



 135A, Dionisou Str., 15124, Amarousion, Greece

 +302110151888  +30 6945218461

 [geomakrod@gmail.com](mailto:geomakrod@gmail.com)  
[geomakro@unipi.gr](mailto:geomakro@unipi.gr)

 <http://sites.google.com/site/makrodimitisgeorgios/>  
<http://netlab.cs.unipi.gr/member/gmakrodimitis/>

Sex Male | Date of birth 01/12/1982 | Nationality Greek

WORK EXPERIENCE

April, 1, 2015 - nowadays

**Programmer - Information Security Consultant**

*Gnomon Informatics, Athens - Greece*

«Project supervision, writing reports, writing of project deliverables» (see Annex A1)

*Computer Science*

April, 26, 2013 – April, 24, 2015

**Collaborative Cyber / Physical Security Management**

*Research Centre of University of Piraeus, Piraeus - Greece*

«Research work: Researcher (junior researcher), with participation in activities and deliverable reports: T1.3/D1.4, T1.4/D1.5, T2.1/D2.1, T2.2/D2.2, T2.3/D2.3, T2.4/D2.3, T3.1/D3.1, T3.2/D3.1, T3.3/D3.2» (see Annex A4)

*Research*

May, 6, 2014 – March, 31, 2015

**Operational Assistant**

*European Network and Information Security Agency (ENISA), Amarousion - Greece*

«Project supervision, writing reports, writing of project deliverables» (see Annex A2)

*Computer Science*

November, 26, 2013 – December, 31, 2015

**Programmer – Network Administrator**

*SOLIS A.T.E., Larissa – Greece*

«Network Administration, Remote Control Operation of O.S., Configuration – Management of O.S. and applications» (see Annex A3)

*Computer Science*

October, 25, 2011 – September, 14, 2013

**Project supervision, participation in performing measurements, writing reports, writing of project deliverables**

*Research Centre of University of Piraeus, Piraeus - Greece*

«Measurement of E / M radiation in the environment and overall service record of measuring, testing and publishing these results» (see Annex A5)

*Research*

May, 15, 2013 – July, 15, 2013 and  
 October, 25, 2013 – February, 12, 2014

**Register management and network support in Results Spread of international conference IFIP I3E 2013 - Developing and maintenance and of the website IEEE ISSPIT2013**

*Research Centre of University of Piraeus, Piraeus – Greece*

«Developing and maintenance of websites» (see Annex A6)

*Research*

May, 19, 2008 – October, 15, 2008

**Technical support for PCs' applications of Samos Prefecture in the areas Health and Welfare**

*Samos Prefecture, Vathi, Samos – Greece*

«Development and Implementation of Information Systems of Prefectures: Functional Areas Health and Public Health and Social Welfare». (see Annex A7)

(representative of the operating company training MASTER AE on behalf of the companies IBM, Q&R, HyperSystem under a program of the Information Society SA)

**Computer Science**

May, 12, 2008 – May, 16, 2008

**Trainer Seminar**

*KEK European Innovation, Karlovasi, Samos - Greece*

«Development and Implementation of Information Systems of Prefectures: Functional Areas Health and Public Health and Social Welfare» (see Annex A7)

(representative of the operating company training MASTER AE on behalf of the companies IBM, Q&R, HyperSystem under a program of the Information Society SA)

**Computer Science**

ACADEMIC EXPERIENCE

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December, 3, 2015 – May, 27, 2016

**Instructor of Computer Science (ECDL)**

*Municipality of Amarousion, Amarousion - Greece*

Teaching - (see Annex A11)

**Education**

July, 9, 2015 – November, 30, 2015

**Technical Support of Laboratory Courses**

*Consortium of Universities, Tripoli & Piraeus – Greece*

Technical Support – (see Annex A11)

**Education**

July, 9, 2015 – November, 30, 2015

**Instructor of Computer Science**

*Consortium of Universities, Tripoli & Piraeus – Greece*

Teaching - (see Annex A11)

**Education**

October, 24, 2011 – February, 6, 2015

**Instructor of Computer Science (laboratory assistant)**

*Department of Informatics, University of Piraeus, Piraeus – Greece*

Teaching - (see Annex A10)

**Education**

January, 7, 2014 – May, 15, 2014

**Teacher of Mathematics**

*Tutorial School “Ekpaidefsi”, Amarousion, Athens – Greece*

Teaching - (see Annex A9)

**Education**

October, 1, 2010 – September, 21, 2013

**Professor of Computer Science (temporary laboratory assistant)**

*TEI of Kalamata - Branch of Sparta, Sparta – Greece*

Teaching - (see Annex A8)

**Education**

July, 6, 2010 – June, 30, 2012

**Teacher of Mathematics**

*Tutorial School “Akadimos”, Amarousion, Athens – Greece*

Teaching - (see Annex A9)

**Education**

- February, 1, 2010 – July, 7, 2010 **Instructor of Mathematics and Computer Science**  
I.I.E.K XINI, Athens – Greece  
Teaching - (see Annex A9)  
*Education*
- February, 12, 2009 – June, 30, 2009 **Teacher of Mathematics**  
*Pithagoreion High School, Vathi, Samos - Greece*  
Teaching - (see Annex A9)  
*Education*
- October, 6, 2008 – June, 30, 2009 **Teacher of Mathematics**  
*Mavrogeneion Technological High School, Vathi, Samos - Greece*  
Teaching - (see Annex A9)  
*Education*

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**EDUCATION AND TRAINING**

- May, 10, 2012 – until nowadays **PhD Candidate**  
Area: Communication and Security in Critical Infrastructures  
Department of Informatics, University of Piraeus
- September, 30, 2008 – February, 18, 2010 **MSc in Technologies and management of information and communication systems**  
Area: Information & Communication Systems Security  
University of the Aegean
- September, 30, 2001 – March, 13, 2008 **BSc in *Mathematics***  
Area: Computational Mathematics  
University of Patras
- Summer Schools and Seminars  
August, 24, 2009 – August, 27, 2009 **1<sup>st</sup> Hellenic Artificial Intelligence Summer School (HAISS '09)**  
Thessaloniki, Greece
- July, 26, 2009 – August, 8, 2009 **Intensive Programme on Information and Communication Security (IPICS 2009)**  
Vienna, Austria
- Proceedings and Conferences
- April, 24, 2013 – April, 26, 2013 **Certification of Local Support Group**  
ISE 2013  
University of Piraeus – Athens University of Economics and Business
- October, 5, 2012 – October, 7, 2012 **Certification of Attendance**  
PCI 2012  
University of Piraeus

October, 5, 2012 – October, 7, 2012 **Certification of Local Support Group**

PCI 2012  
University of Piraeus

October, 5, 2012 – October, 7, 2012 **Certification of Attendance**

CIE 2012  
University of Piraeus – Ionian University – E.P.Y.

October, 5, 2012 – October, 7, 2012 **Certification of Local Support Group**

CIE 2012  
University of Piraeus – Ionian University – E.P.Y.

**PERSONAL SKILLS**

Mother tongue(s)

Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Excellent	Excellent	Good
Advanced Level, 2003					
French	Good	Good	Good	Basic	Basic
Certificate, 2001					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

**Certifications**

**EOPPEP** (EX - EKEPIS - NATIONAL ACCREDITATION CENTRE FOR CONTINUING VOCATIONAL TRAINING)  
SUB-REGISTER OF TRAINERS IN IT AND BASIC SKILLS IT  
▪ SUB-REGISTER OF TRAINERS IN VOCATIONAL TRAINING

**Licenses teaching**

**MINISTRY OF EDUCATION**

- LICENSE TEACHING IN POST-SECONDARY EDUCATION INSTITUTES (COLLEGES)
- LICENSE TEACHING IN SECONDARY SCHOOLS

**Computer skills**

**PROFICIENT USER:**

- Adobe Acrobat Professional 6.0 (and later versions)
- Internet (*Internet Explorer, Edge, Mozilla Firefox and Google Chrome*)
- Microsoft Lync, Outlook
- Microsoft Office Suite 2007, 2010, 2013, 2016
- Microsoft Windows VISTA, 7, 8, 8.1, 10

**ADVANCED USER:**

- Borland C++, Dev-C, C with GNUMP Library
- Enterprise Architect 6.5 and Visual Paradigm 5.2
- Kali Linux (known as BackTrack)
- Liferay
- Linux UBUNTU 10.04 and newer versions
- Nessus
- NMap
- Rational Rose Enterprise Edition and StarUML

**INDEPENDENT USER:**

- Corel Graphic Suite 11 and Adobe Photoshop CS
- Joomla
- MATLAB 6.5 and Mathematica 5 (and later versions)
- Microsoft Sharepoint Designer
- SQL Server 2008
- Visual Studio 6.01

Organisational skills and competences

As a member of the local support group for international conferences, I gained excellent organizational skills. In addition, as member of the C3E team of ENISA, I had the opportunity to participate in the whole process of organizing and implementing the second phase of Cyber Europe 2014, OLEX. This opportunity gave me the experience I needed to strengthen my organizational skills and ability to deal with multiple challenges in a short time frame. In addition, as Security officer being now, I manage to complete all the appropriate tasks for the development and implementation all the tasks, which concern the implementation of the Risk Assessment at the Greek Manpower Employment Organization.

Technical skills and competences

Due to my previous work experience, I gained various experience in the collection and analysis of information, which gives me the confidence to handle similar projects successfully. Also, as a local project manager, I gained the abilities to manage different tasks successfully.

Publications

*Article* entitled: "Security Risk Assessment Challenges in Port Information Technology Systems" was presented at the eDemocracy conference in 2013 and was published at the series of Springer "Communications in Computer and Information Science" (pp. 24-35, with ISBN 978-3-319-11709-6).

*Article* entitled: "Towards a successful exercise implementation – Case Study of exercise methodologies" was presented at HCII2015 in the session: "Innovative Risk Management Methodologies and Tools for Critical Information Infrastructures (CII)" during the thematic Area: Human Aspects of Information Security, Privacy and Trust. This article was published by Springer (Book Title: "Human Aspects of Information Security, Privacy, and Trust", HAS 2015, LNCS 9190, pp. 1–12, 2015. DOI: 10.1007/978-3-319-20376-8\_19).

*Report* on Cyber Crisis Cooperation and Management: "Comparative study on the cyber crisis management and the general crisis management". ISBN 978-92-9204-100-7. European Union Agency for Network and Information Security (ENISA), 2014.

*Report* on eHealth Infrastructures: "Security and resilience for eHealth Infrastructures and Service" (It will be published the following months). European Union Agency for Network and Information Security (ENISA), 2015.

Social skills and competences

I have gained good social skills and I am able to adapt to any situation and competences which are acquired in the different working environments. I'm also used to work in team and to offer my knowledge and skills to get the best results and to solve problems. As a team member at ENISA, my collaboration with the members was excellent and successful. At the end, I gained my ability of communication and I improved this ability with my work experience at the multicultural environment of ENISA.

Other skills and competences

The experience I have gained over the previous years has helped to improve my teaching abilities, presentation skills and public speaking capabilities. Also, I improved my research ability and writing deliverables and reports capabilities. At the end, as PhD student at the University of Piraeus, I am gaining and improving my research capabilities and my ability to write articles for conferences and scientific journals.

In addition, I was Volunteer in OLYMPIC GAMES ATHENS 2004 at the «ACCREDITATION DEPARTMENT» located at Patras during the period July till August, 2004.

Driving license

• B

Annexes

- A – Details for Work and Academic Experience
- B – Details for Education
- C – Details for Projects

## Annex A – Details for Work and Academic Experience

### Annex A1

#### **Programmer – Information Security Consultant**

- Participating in the Project Management of the contractors' consortium for ENISA's project in the area of security and resilience for eHealth Infrastructures and Services.
- Project supervision, writing reports, writing of project deliverables in eHealth.
- Communication with experts in eHealth from various sectors for setting up interviews.
- Management of the interviews for eHealth project.
- Participation at the interviews as interviewer.
- Preparing and reviewing surveys used for eHealth Project.
- Collecting and analyzing information and knowledge on good practices for eHealth.
- Participation in the contractor's team for the development of the new Integrated Information System of Greek Manpower Employment Organization.
- Participation in the contractor's development team of the new portal of Manpower Employment Organization.
- Implementation of the Penetration tests at the Information System of Greek Manpower Employment Organization with the use of open source tools. In details, the correlation between the action and the tool is:
  - Information Gathering & Vulnerability Analysis: nmap,
  - Web Application Analysis: owasp-zap,
  - Database Assessment: oscanner, and
  - Sniffing – Spoofing: wireshark.
- This action is running periodically. The collected data are presented in a short document with attached the related documents.
- Responsible for drawing the Manpower Employment Organization's risk analysis, designing and writing Greek Manpower Employment Organization's security policy.
- Writing deliverables in Greek Manpower Employment Organization's project.

### Annex A2

#### **Operational Assistant**

- Project supervision, writing reports, writing of project deliverables in Cyber Exercises.
- Contribution and brainstorming with other colleagues from C3E team about the content of the Exercise.
- Contribution in the monitoring and assisting in the creation and implementation of security policies for the better protection of the data, infrastructure and the Cyber Exercise Platform in general. The monitoring of the network was implemented with the use of appropriate tool (wireshark)
- Contribution and assisting in the restructure Cyber Exercise Platform and in the development of new features based on exercise requirements.
- Preparing and reviewing surveys used for Cooperation Crisis Management.
- Collecting and analyzing information and knowledge on security policies, good practices from other organizations for reviewing the Step-by-Step Guide of National Level Risk Assessment.
- Configuration and management of Cyber Exercises Platform for publishing results and findings of previous exercises.
- Assisting in the organization of workshops and validation of findings and results.

### Annex A3

#### **Programmer – Network Administrator**

- Researching and examining current systems and consulting users
- Liaising with colleagues such as systems analysts and designers
- Writing software and operating manuals
- Training users
- Providing support and responding to feedback
- Testing and modifying systems to ensure that they operate reliably and secure
- Fault finding and fixing
- Remote Control Operation of O.S. and Configuration of Security Issues.
- Configuration and management of O.S. and applications.

### Annex A4

#### **Junior Researcher**

Research work in the field of collaborative cyber / physical security management.

Main activities:

- Dissemination Activities
- Exploitation and Sustainability Activities
- Desk Research
- Stakeholders Requirements
- CYSM Approach and Methodologies Specification (good practices)
- CYSM System Architecture

- Cyber and Physical Assets Modeling
- Risk Management Models
- CYSM Risk Assessment Toolkit

Responsibilities:

- Collecting and analyzing information and knowledge on security policies, good practices, measures and standards in the maritime environment (ISO 27001:2013, 27002:2013, 27005:2011, International Labour Organization Code of Practice for Safety and Health in Ports: 2005, General Conference of the International ILO Convention concerning Occupational Safety and Health in Dock Work: 1979)
- Contribution with the authorities of the following ports: OLP (Piraeus), Port of Mykonos, Valencia Port

**Annex A5**

***Project supervision, participation in performing measurements, writing reports, writing of project deliverables***

- Preparation and implementation of the laboratory's processes and draft specifications in order to be compliant with the ISO17025
- Measurement of E / M radiation in the environment and overall service record of measuring, testing and publishing these results

**Annex A6**

***Developing and maintenance of websites***

Development and maintenance and of the website IEEE ISSPIT2013, in details:

- Participation in the development of the website
- Development of a secure environment for participants' registration

Register management and network support in Results Spread of international conference IFIP I3E 2013, in details:

- Participation in the development of the website
- Development of a secure environment for participants' registration
- Formation and management of expert groups
- Organization of conference
- Validation of findings and results in order to be published at the official website.

**Annex A7**

***Local Project Manager in the Technical support for PCs' applications of Samos Prefecture in the areas Health and Welfare***

Development and Implementation of Information Systems of Prefectures: Functional Areas Health and Public Health and Social Welfare.

The project involved the specification, design, application development and installation of computer systems is essential to the operation of the Health and Public Health and Social Welfare of the Prefectures, towards the effective and efficient operation of the respective Service of Prefectures and better serves citizens in a secure IT environment.

**Annex A8**

***Temporary Laboratory Assistant***

Teaching Courses at Department Technology of Informatics & Telecommunications:

- |  |  |   |
|--|--|---|
| • Information Systems Security (Theory - Laboratory) | • Analysis and Design of Information Systems (Theory - Laboratory) | • Advanced Applications of Programming (Laboratory) |
| • Management of Informatics Projects (Theory)        | • Data Warehouses (Theory - Laboratory)                            | • Computer Architecture I (Laboratory)              |
| • Software Engineering (Theory - Laboratory)         | • Programming II (Theory Laboratory)                               | • Data Structures & Algorithms (Laboratory)         |

Supervision of theses:

- |   |  |  |
|---|--|--|
| • Security of Linux Operating System  | • Case study of IDS and IPS  | • Smart Cards  |
| • Security of Windows Operating System  | • Technics of anonymization  | • Web design for theses, data base                         |
| • Security Issues in the Semantic Web   | • SPAM Filtering Architectures   | • Web design for students' activities                      |
| • Security and Privacy in electronic communications                           | • Hash Function GRINDAHL   | • Web design for digital repository                        |
| • Case study of the technologies and security of wireless and mobile networks | • Case study of the social media   | • Web design for the lesson "Information Systems Security" |
| • E-voting  | • Design and implementation of algorithms for finding prime numbers and cryptographic algorithms | • Web design for registration of laboratories              |
| • E-government  | • Peer-to-Peer: Security Issues  | • Web design for the evaluation of the staff               |

## Annex A9

### **Professor of Mathematics and Computer Science**

Teaching Courses at Tutorial School Ekpaidefsi, Tutorial School Akadimos, Pithagorio High School, Mavrogenio TEE High School, I.I.E.K. XINI and Women's Association of Pirgos «The Kiveli»:

- Mathematics of High School for classes A, B and C
- Algebra of Lycee for classes A and B
- Network Security
- Programming Language I (C)
- Computer Use (on level of ECDL)
- Geometry of Lycee for classes A and B
- Mathematics Technological Direction of Lycee for class B and C
- Algorithms and Data Structure
- Computer Use (on level of ECDL)
- Mathematics and Statistical Details of Lycee for class C
- Mathematics I of Technical Vocational Educational School for class C
- Statistics I and II
- Financial Mathematics I and II

## Annex A10

### **Temporary Laboratory Assistant**

Teaching Courses at Department of Informatics of University of Piraeus:

- Network Technologies (Laboratory), teaching the HTML5 technology and CSS.
- Computer Networks (Laboratory), teaching the use of wireshark and monitoring of a network.

## Annex A11

These two positions were held during the implementation of the project named “Development & Management of Wireless Broadband and Optical Networks, Systems Information Management & Control Automation in Agricultural Production and Electronic Business in the Region Peloponnese”, which was funded by National Strategic Reference Framework (NSRF) 2007–2013. The main activity of this project was to update the knowledge and the background of IT graduates. The project was implemented by a consortium of Universities, which consisted of the following institutions:

- TEI of Peloponnese,
- University of Peloponnese and
- University of Piraeus.

### **Technical Support of Laboratory Courses**

Within the project “Development & Management of Wireless Broadband and Optical Networks, Systems Information Management & Control Automation in Agricultural Production and Electronic Business in the Region Peloponnese”, the responsibilities of technical support were:

- Participation in the development, preparation, management and support of laboratory courses, and
- Quality control of the implementation of laboratory courses, across project duration.

### **Instructor of Computer Science**

Within the project “Development & Management of Wireless Broadband and Optical Networks, Systems Information Management & Control Automation in Agricultural Production and Electronic Business in the Region Peloponnese”, the teaching responsibilities were related with the course “Information and Communication Systems Security” and they were:

- Preparation of Lectures’ notes
- Preparation of course notes
- Participation in the teaching of theory
- Teaching of laboratory lectures

### **Instructor of Computer Science (ECDL)**

These position is held during the implementation of the project named “Lifelong Learning” in municipality of Amarousion.

Within the project “Lifelong Learning” in municipality of Amarousion, the teaching responsibilities were related with the following courses:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Outlook
- Internet



Annex B – Details for Education

**Annex B1**

**Postgraduate Education:**

2008 - 2010

Degree: 7.90 / 10

MSc thesis and examination courses at the Department of Information and Communication Systems Engineering, School of Sciences of the University of the Aegean, on «Technologies and management of information and communication systems» in the area of «Information and Communication Systems Security».

Courses:

- |                             |                              |  |                   |
|-----------------------------|------------------------------|--|-------------------|
| ▪ Wireless Network security | ▪ Operating systems security | ▪ Information Systems Security Management  | ▪ Cryptography I  |
| ▪ Network Security          | ▪ Database security          | ▪ Social and Ethical Issues of IS Security | ▪ Cryptography II |

Unpublished Projects:

- |  |  |  |   |
|--|--|--|---|
| ▪ «System of legal conference – 3GPP»              | ▪ «Privacy Aware Access Control in Databases»    | ▪ «Security of the operating system: Linux»                                    | ▪ «A Survey of Identity-Based Cryptography»                       |
| ▪ «Cross Site Scripting and Blind XPath Injection» | ▪ «Security Issues in the Semantic Web A Review» | ▪ «Study Analysis and Risk Management of the system Pandora mobile University» | ▪ «Design Principles and cryptanalysis of Hash Function Grindahl» |
| ▪ «E-voting»                                       |  |  |   |

Published Projects:

«Case Studies of electronic voting systems in Ireland and United States of America» - *MSc Thesis*.

**Annex B2**

**Undergraduate Education:**

2001 – 2008

Degree: 5.56 / 10

Diploma thesis and examination courses at the Faculty of Sciences of the University of Patras in the Department of Mathematics.

Courses:

- |  |                      |   |   |
|--|----------------------|---|---|
| ▪ Real Analysis I, Real Analysis II, Real Analysis III, Real Analysis IV                           | ▪ Mathematical Logic | ▪ Probability Theory I, Statistics I, Stochastic Processes                          | ▪ Topics in Mathematics Education I, The Didactics and Content of the Geometry of Transformations, Modern Approach to Elementary Mathematics, English, History of Mathematics, Natural Languages and Mathematical Reasoning |
| ▪ Introduction to Algebra and Set Theory, Algebra, Mathematical Analysis, Set theory, Group theory | ▪ Linear Algebra I   | ▪ Mechanics I, Chaos & Fractals, Introduction of Quantum Mechanics, Tensor Analysis | ▪ Numerical Solution of Ordinary Differential Equations   |

- Analytic Geometry, Differential Geometry
- Numerical Analysis I, Numerical Analysis II
- Interval Analysis
- Algorithms and Complexity
- Ordinary Differential Equations I, Measure Theory and Integration
- Introduction to Computer Science (Fortran), Programming Languages I (C++), Programming Languages II (Ada)
- Operating Systems
- Operational Research
- Theory of Complex Functions
- Data Structures
- Software Engineering
- Discrete Mathematics II
- Databases
- Compilers I

Unpublished Projects:

- «Software engineering – Programming Practice»
- «Interval methods for resolutions of functions by Matlab»
- «C++ code defining acts between matrixes with real numbers»
- «Historical Review of Set theory»
- «Creation compilers using LEX and Yacc»
- «Creation Database on car garage using MySQL»
- «Historical Review of complex functions»
- «Analysis of structures with geometric polygons institutions»

Published Projects:

«Comparing the C++ with Java, by code using confrontation» - *BSc Thesis*.

Annex C – Details for Projects

PERIOD	EMPLOYER	TITLE
2016 (ongoing)	UPRC	ENISA's project: "ENISA THEMATIC THREAT LANDSCAPE: LOT 1 - AD-HOC AND SENSOR NETWORKING FOR M2M COMMUNICATIONS THREAT LANDSCAPE AND GOOD PRACTICE GUIDE"
2015-today	Gnomon Informatics S.A.	Involved to national funded project ("Update of the Information Systems and application at the Greek Manpower Organization")
2015	Gnomon Informatics S.A.	ENISA's project - Security and resilience for eHealth Infrastructures and Services
2014-2015	ENISA	Cyber Europe 2014: TLEx, OLEx, SLEx
2014	ENISA	Cyber Crisis Cooperation and Management: "Comparative study on the cyber crisis management and the general crisis management"
2013-2015	UPRC	Collaborative Cyber / Physical Security Management
2013-2014	UPRC	Developing and maintenance and of the website IEEE ISSPIT2013
2013	UPRC	Register management and network support in Results Spread of international conference IFIP I3E 2013
2008	MASTER AE	Information Society SA's project: "Development and Implementation of Information Systems of Prefectures: Functional Areas Health and Public Health and Social Welfare".