

CURRICULUM VITAE

PERSONAL INFORMATION

Name **PANAGIOTAKIS, SPYROS**

Address ♦ **41, Arachovis st., 10681, Athens, Greece**
♦ **13, Kondilaki st., 71305, Heraklion Crete, Greece**

Telephone ♦ **(0030) 210 3845735 (Residency in Athens)**
♦ **(0030) 210 7299528 (Work in Athens)**
♦ **(0030) 2810 253435 (Residency in Heraklion)**
♦ **(0030) 6934782600 (Mobile phone)**

Fax **(0030) 210 7257683**

E-mail **spanag@di.uoa.gr**

Nationality Greek

Date of birth 06.08.1973

WORK EXPERIENCE

- Dates (from – to) **SEPTEMBER 2004-NOW**
- Name and address of employer Communication Networks Laboratory (CNL),
Department of Informatics and Telecommunications,
National and Kapodistrian University of Athens,
Panepistimiopolis, Ilissia, 15784, Athens, Greece,
<http://www.cnl.di.uoa.gr>
- Type of business or sector Education and Research
- Occupation or position held Research associate, within the scope of the Integrated Project (IP) LIAISON (Location based serviceS for the enhancement of wOrking enviroNment)
- Main activities and responsibilities Study, design and development of:
 - ♦ Location-based services;
 - ♦ Context-aware service provision architectures;
 - ♦ Services customization;
 - ♦ User profiling architectures;
 - ♦ User and data privacy techniques;
 - ♦ Charging, billing and accounting architectures;
 - ♦ Business models;
 - ♦ International bibliography and standards;in the context of 4G networks

- Dates (from – to) **SEPTEMBER 2002-FEBRUARY 2003**
- Name and address of employer Communication Networks Laboratory (CNL),
Department of Informatics and Telecommunications,
National and Kapodistrian University of Athens,
Panepistimiopolis, Ilissia, 15784, Athens, Greece,
<http://www.cnl.di.uoa.gr>
- Type of business or sector Education and Research
- Occupation or position held Research associate, within the scope of the IST project ANWIRE (Academic Network for Wireless Internet Research in Europe)
<http://www.anwire.org>
- Main activities and responsibilities Study, design and development of:
 - ♦ Wireless Internet networks;
 - ♦ Personalized service provision;
 - ♦ A reconfigurable end-to-end architecture;

- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
- JANUARY 2000-NOVEMBER 2002**
 Communication Networks Laboratory (CNL),
 Department of Informatics and Telecommunications,
 National and Kapodistrian University of Athens,
 Panepistimiopolis, Ilissia, 15784, Athens, Greece,
<http://www.cnl.di.uoa.gr>
 Education and Research
 Research associate within the scope of the IST project MOBIVAS (Downloadable MOBILE Value-Added Services through Software Radio and Switching Integrated Platforms)
<http://mobivas.cnl.di.uoa.gr/>
 Study, design and development of:
- ◆ An end-to-end architecture for customized service provision;
 - ◆ Business models;
 - ◆ Enhanced context awareness;
 - ◆ User profiling architectures;
 - ◆ Reconfigurability techniques;
 - ◆ Security issues;
 - ◆ User and data privacy;
 - ◆ Personalized service discovery;
 - ◆ Interoperable service deployment;
 - ◆ A Charging, billing and accounting architecture;
 - ◆ International standards and bibliography
- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
- JUNE 2002-OCTOBER 2002**
 Communication Networks Laboratory (CNL),
 Department of Informatics and Telecommunications,
 National and Kapodistrian University of Athens,
 Panepistimiopolis, Ilissia, 15784, Athens, Greece,
<http://www.cnl.di.uoa.gr>
 Education and Research
 Research associate, within the scope of the IST project PoLoS (integrated Platform for Location-based Services)
<http://www.polos.org/>
 Study, design and development of:
- ◆ A location-aware service provision architecture;
 - ◆ Location-based services;
 - ◆ Interface technologies;
 - ◆ Service creation environments;
- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
- NOVEMBER 1998-MARCH 2000**
 Communication Networks Laboratory (CNL),
 Department of Informatics and Telecommunications,
 National and Kapodistrian University of Athens,
 Panepistimiopolis, Ilissia, 15784, Athens, Greece,
<http://www.cnl.di.uoa.gr>
 Education and Research
 Research associate, within the scope of the National project INAP-OTE in co-operation with the Greek PTT (OTE)
- ◆ Development of the INAP-OTE protocol;
 - ◆ Conformance testing of the INAP-OTE protocol;
 - ◆ TTCN programming;
 - ◆ Introduction of IN services;

EDUCATION AND TRAINING

- Dates (from – to)
 - Name and type of organisation providing education and training
- 2000-now
 National and Kapodistrian University of Athens,
 Department of Informatics and Telecommunications
<http://www.di.uoa.gr>

<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	<p>General</p> <ul style="list-style-type: none"> ◆ Mobile communication networks (GSM, GPRS, WAP, WLAN, UMTS, 4G); ◆ Internet technology; ◆ Application/service-oriented environments;
<ul style="list-style-type: none"> • Title of qualification awarded 	<p>Occupational</p> <ul style="list-style-type: none"> ◆ Open APIs (e.g., the OSA/Parlay APIs); ◆ Context awareness; ◆ Location-based services; ◆ Service provision and management; ◆ User and user data privacy; ◆ Software Radio; ◆ Java, Corba, semantic languages (e.g., XML, OWL); ◆ Service and protocol specification (use of SDL, UML); <p>Thesis title “Context-aware and location-sensitive service provision in reconfigurable mobile environments” PhD candidate in the area of mobile communications</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organisation providing education and training 	<p>March 1998-February 2002 Institute of Informatics and Telecommunications, National Centre for Scientific Research “Demokritos”, Agia Paraskevi, 15310, Athens, Greece http://www.iit.demokritos.gr</p>
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	<p>General</p> <ul style="list-style-type: none"> ◆ Mobile communication networks (GSM, GPRS, WAP, WLAN, UMTS, 4G); ◆ Internet technology; ◆ Network Management; ◆ Application/service-oriented environments;
<ul style="list-style-type: none"> • Title of qualification awarded 	<p>Occupational</p> <ul style="list-style-type: none"> ◆ Service provision and management; ◆ Open APIs (e.g., the OSA/Parlay APIs); ◆ Software Radio; ◆ Service and protocol specification (use of SDL, UML); ◆ Protocol and service conformance testing (use of TTCN); <p>Graduate School Fellowship for doctoral (PhD) studies</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organisation providing education and training 	<p>1997-2000 National and Kapodistrian University of Athens, Interdisciplinary postgraduate program of the Department of Informatics and Telecommunications & the Department of Physics</p>
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	<p>General</p> <ul style="list-style-type: none"> ◆ Information Systems; ◆ Automation Systems and Signal Processing; ◆ Telecommunication and data networks; <p>Occupational</p> <ul style="list-style-type: none"> ◆ Programming languages and data bases (Java, C/C++, SQL); ◆ Internet technology (TCP/IP, HTTP, HTML); ◆ Operating Systems (Unix, Linux, Windows); ◆ Communication Networks (fixed and mobile); ◆ Network management; ◆ Digital/Analog telecommunications; ◆ Digital/Analog Electronics; ◆ FPGA programming; ◆ Principles of business administration and project management;
<ul style="list-style-type: none"> • Title of qualification awarded 	<p>Thesis title “Introduction to protocols conformance testing and the TTCN conformance testing language. Application for the testing of the INAP SCP” Master of Science (MSc) in Electronic Automation and Information Systems</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organisation providing education and training 	<p>1991-1997 National and Kapodistrian University of Athens, Department of Physics</p>

- providing education and training
- Principal subjects/occupational skills covered

General

- ◆ Theoretical and experimental physics;
- ◆ Applied math and sciences;
- ◆ Specialization in Electronics/Telecommunications;

Occupational

- ◆ Programming languages (C/C++, Pascal);
- ◆ Computer architecture;
- ◆ Digital/Analog electronics;
- ◆ Operating Systems (Unix, Windows);
- ◆ Digital/Analog telecommunications;
- ◆ Automation systems;
- ◆ Optical networks;
- ◆ Microelectronics;

Thesis title

"ATM, the Asynchronous Transfer Mode"

- Title of qualification awarded

Bachelor of Science (BSc) in Physics (specialization in Electronics/Telecommunications)

PUBLICATIONS

A. Books

1. Spyridon Panagiotakis, Vangelis Gazis, "Adaptive Protocols", chapter contribution on the "Software Defined Radio (4th volume): Architectures, Systems and Functions", to be published by John Wiley & Sons Ltd. in May 2003.
2. Athanassia Alonistioti, Spyridon Panagiotakis, Maria Koutsopoulou, Vangelis Gazis, Nikos Houssos, "Open APIs for Flexible Service Provision and Reconfiguration Management", chapter contribution on the "Software Defined Radio (4th volume): Architectures, Systems and Functions", to be published by John Wiley & Sons Ltd. in May 2003.

B. Journals

1. Spyridon Panagiotakis, Athanassia Alonistioti, "Intelligent service mediation for supporting advanced location and mobility aware service provisioning in reconfigurable mobile networks", IEEE Wireless Communications Magazine, October 2002.
2. Spyridon Panagiotakis, Athanassia Alonistioti, Lazaros Merakos, "An advanced location information management scheme for supporting flexible service provisioning in reconfigurable mobile networks", IEEE Communications Magazine, February 2003.
3. Spyridon Panagiotakis, Maria Koutsopoulou, Athanassia Alonistioti, Nikos Houssos, Vangelis Gazis, "A Middleware Framework for Reconfigurable Mobile Networks", International Journal of Mobile Communications (IJMC), March 2004.

C. Refereed papers in conferences

1. N. Alonistioti, E. Gazis, M. Koutsopoulou, Spyridon Panagiotakis, "An Application platform for downloadable VASs provision to mobile users", proceedings of the IST Mobile Communications Summit 2000, Galway, Ireland, September-October 2000.
2. Spyridon Panagiotakis, N. Houssos and N. Alonistioti, "Generic architecture and functionality to support downloadable service provision to mobile users" proceedings of the International Symposium on 3rd Generation Infrastructure and Services (3GIS 2001), Athens, Greece, July 2001.
3. Spyridon Panagiotakis, E. Gazis, M. Koutsopoulou, N. Houssos, Z. Boufidis, A. Alonistioti, "Roaming issues for service provisioning over 3rd Generation mobile networks", Advanced Technologies, Applications and Market Strategies for 3G (ATAMS), Cracow, Poland, June 2001.
4. Nikos Houssos, Evangelos Gazis, Spyridon Panagiotakis, Stefan Gessler, Anett Schuelke, Sandra Quesnel, "Value Added Service Management in 3G networks", Network Operations and Management Symposium (NOMS), Florence, Italy, April

2002.

5. Spyridon Panagiotakis, Maria Koutsopoulou, Athanasia Alonistioti, Alexandros Kaloxylos, "Generic Framework for the Provision of Efficient Location-based Charging over Future Mobile Communication Networks", PIMRC, Lisbon, Portugal, September 2002.
6. Spyridon Panagiotakis, Maria Koutsopoulou, Athanasia Alonistioti, "Advanced Location Information Management Scheme for Supporting Flexible Service Provisioning in Reconfigurable Mobile Networks", IST Mobile Communication Summit, Thessaloniki, Greece, June 2002.
7. Nikos Houssos, Vangelis Gazis, Spyridon Panagiotakis, Maria Koutsopoulou, Athanassia Alonistioti, "Advanced Business Models and Flexible Service Provision for Reconfigurable Mobile Systems", SDR Forum Technical Conference 2002 (SDR 2002), November 2002, San Diego, California, USA.
8. Maria Koutsopoulou, Spyridon Panagiotakis, Athanassia Alonistioti, Aleksandros Kaloxylos, "An integrated management platform for the support of advanced Charging, Accounting & Billing schemes in Reconfigurable Mobile Networks", IST Mobile Communication Summit 2003, Aveiro, Portugal, June 2003.
9. Maria Koutsopoulou, Spyridon Panagiotakis, Athanassia Alonistioti, Aleksandros Kaloxylos, "Charging, Billing & Accounting in a multi-Operator and multi-Service Provider Environment", ANWIRE Workshop on Reconfigurability, Mykonos, Greece, September 2003.
10. N. Alonistioti, Spyridon Panagiotakis, Alexandros Kaloxylos, "A Framework For Dynamic and Context-Aware Composition of Adaptable Mobile Services", 3rd International Conference On Computer Science, Software Engineering, Information Technology, e-Business and Applications (CSITeA 2004), Cairo, Egypt, December 2004.

D. Invited papers

1. Athanassia Alonistioti, Nikos Houssos, Spyridon Panagiotakis, Maria Koutsopoulou, Vangelis Gazis., "Intelligent architectures enabling flexible service provision and adaptability", Wireless Design Conference (WDC 2002), London, UK, 15-17 May 2002.
2. Spyridon Panagiotakis, N. Houssos, A. Alonistioti, "Integrated generic architecture for flexible service provision to mobile users", IEEE 12th International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2001), San Diego, California, USA, 30/9 - 3/10 2001, pp. 40-44.
3. A. Alonistioti, N. Houssos, Spyridon Panagiotakis, "A framework for reconfigurable provisioning of services in mobile networks", IEEE Sixth International Symposium on Communication Theory & Applications (ISCTA 2001), Ambleside, Lake District, UK, pp. 21-26.
4. Athanassia Alonistioti, Spyridon Panagiotakis, Nikos Houssos, Alexandros Kaloxylos, "Issues for the provision of Location-dependent services over 3G networks", 3rd generation infrastructure and services conference (3GIS), Athens, Greece, July 2001.
5. K. Molnar, Z. Nagy, Spyridon Panagiotakis, V. Gazis, N.Houssos, M. Koutsopoulou, "Location features in the MOBIVAS project", Mobile Location Workshop (MLW 2001), Espoo, Finland, June 2001.