








**PERSONAL INFORMATION** **George Pagkalos**

-  10 Riga Ferreou str., 555 35, Thessaloniki, Greece
-  (+30) 2310 995943  (+30) 2310 995949  (+30) 6972010882
-  pangalos@auth.gr
-  www.infolab.auth.gr
-  pangalog

Sex Male | Born Athens, Greece | Nationality Greek

**CURRENT POSITION**

- Professor emeritus, Department of Electrical and Computer Engineering, Faculty of Technology, Aristotle University of Thessaloniki, Thessaloniki, Greece.
- Scientific and administrative coordinator of research programs implemented by the Research Committee of the Aristotle University of Thessaloniki.

**EDUCATION AND TRAINING****1975-1979 Doctor of Science degree (Ph.D.) in Computer Science**

University of London (University College London), London, UK.

- Computer Science, Information Systems security Design, Health Database systems design

**1974-1975 Master of Science degree (M.Sc.) in Computer Science**

University of London (University College, Westfield College), London, UK.

- Computer Science, Information Systems Design, and Implementation.

**1973-1974 Postgraduate Degree in Systems Analysis**

Informatics State School, Athens, Greece

- Information Systems Analysis and design, Systems Analysis (2 years)

**1969-1973 Bachelor of Science (B.Sc.) Degree (4 Years) in Mathematics**

National University of Athens, Athens, Greece

- Mathematics

**WORK EXPERIENCE****1990 - 2018 Professor**

Aristotle University of Thessaloniki, Thessaloniki, Greece

- Professor on Informatics in the Faculty of Technology and Director of the Informatics and Information Security Laboratory (established 1992, one of the biggest of the Faculty)

**Business or sector:** Faculty of Technology ("Polytechniki Scholi")

**2010 - 2014 President IDIKA**

National I.T. Center for Information Technology / e-Government Applications in Social Security, Athens, Greece

- Organization responsible for all national level I.T. / e-Government applications in social security and health (the national e-prescription project, the AMKA national directory, the national Health information systems, The state hospital I.T. systems support, etc)

**Business or sector:** State owned company (S.A., 500 employees)

**President and Director General (CO)**

- 2001-2003 Regional Health System (PESY) of Thessaly, Larissa, Greece
- Responsible for establishing and managing the Regional Healthcare System and the regional Health I.T. System of Thessaly
- Business or sector:** Regional Health Authority (responsible for approx. 1 million citizens)
- 1997- 1997 Visiting Professor  
University of Rhode Island, RI, U.S.A
- Research, Teaching, Project Work.
- Business or sector:** Computer Science Department
- 1986-1990 Associate Professor (L.407)  
University of the Aegean, Greece.
- Teaching, Research, Project Work (part of the initial group of five staff members that established the department and its infrastructure)
- Business or sector:** Mathematics and Computer Science Department
- 1993-1993 Visiting professor  
University of Rhode Island, RI, U.S.A
- Research, Teaching, Project Work
- Business or sector sector:** Computer Science and Statistics Department
- 1979-1989 Director of Informatics division  
Greek Productivity Centre, Informatics Institute, Athens, Greece
- Responsible for all projects and studies on informatics undertaken by the institute, director of the under and postgraduate schools on I.T. (unique at that time in Greece).
- Business or sector:** Institute of Informatics, Public Sector.
- 1976-1979 Scientific Fellow  
Charring Cross Hospital, London, U.K.
- Development of Hospital Information Systems – research work on health informatics
- Business or sector:** Medical Informatics Division
- 1974-1975 Scientific Fellow  
St. Mary’s University Hospital, London, U.K.
- Development of Medical Information Systems – research work on medical databases design and implementation
- Business or sector:** Informatics Division

## MANAGEMENT EXPERIENCE

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- 1990-2018 Director, Informatics and Information Security Laboratory of AUTH  
Faculty of Technology, Aristotle University of Thessaloniki, Thessaloniki, Greece
- Responsible for the educational and the extensive research and project work undertaken by the laboratory
- 2010-2014 President, IDIKA S.A.  
State center for e-Government Applications in Social Security and Health (500 employees)
- Responsible for overall management of the center (president of the Board)
- 2001-2003 President and Director General, PESY.

Regional Health Authority (PESY) of Thessaly, Larissa, Greece (85 employees)

- Regional Health Authority responsible for the entire regional Healthcare System of the province of Thessaly (1 million citizens, 5 major state hospitals, primary care network) and the regional Health Information System

#### 1979-1989 Director, Informatics Division, ELKEPA

Greek Productivity Centre, Informatics Institute, Athens, Greece (35 employees)

Responsible for both the undergraduate and postgraduate schools on I.T. (the only official state school at that time in Greece) and for all projects and studies (for the public and private sector and the E.U.) on informatics undertaken by the institute.

## RESEARCH PROJECTS AND IT STUDIES

Extensive experience as project leader / expert in a significant number (more than 50) major international and national research projects and studies. Most of them in e-GOV, and most specifically in the areas of e-Health and e-Justice (shaded). These include (in chronological order):

Project	Years	Subject	Type of Participation	Funding
The <b>SEISMED-I</b> Project	1992-1994	Development of Secure Health Information Systems	Senior Expert, Scientific Coordinator, AUTH	European Union (EU)
The <b>SEISMED-II</b> Project	1994-1996	Development of Secure Health Information Systems (II),	Senior Expert, Scientific Coordinator, AUTH	European Union (EU)
The <b>EUROMEDIES</b> Project	1994-1995	An Inter-European System For The Control of Medical Devices	Senior Expert, Scientific Coordinator, AUTH	European Union (EU)
The <b>DALI</b> Project	1994-1996	Implementation of Secure Automated Library Systems	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>UNIVERSE</b> Project	1995-1997	Development of Secure Information Availability Systems	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>IKARUS</b> Project	1995-1997	Development of Secure Health Care Environments	Senior Expert, Scientific Coordinator, AUTH	GSRT
The <b>AIAS</b> Project	1992-1993	Advance Secure Database Systems Development	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>PDC</b>	1993-	Implementation of Secure Patient Smart Card	Senior Expert, National Scientific	European Union (EU)

Initiative	1993	Based Systems	Coordinator	
The <b>AEP INSIS</b> Project	1992-1992	Use of I.T. For Improved Information Availability	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>ISHTAR</b> Project	1995-1997	Development of Security Guidelines For H.C. Information Systems	Senior Expert, Scientific Coordinator, AUTH	European Union (EU)
The <b>GAIA</b> Project	1997-1998	Development of A Generic Information Availability Architecture	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>CDA</b> Project	1998-2000	Advanced Computing - ODL Applications	Senior Expert, Scientific Coordinator, AUTH	European Union (EU)
The <b>IHC</b> Project	1998-1999	Development of A Secure Internet Based HC Systems Over The Internet	Senior Expert, Scientific Coordinator, AUTH	European Union (EU) (EU)
The <b>CDA/IP</b> Project	1999-2001	Information and Communications Systems Security – IP	Senior Expert, Scientific Coordinator, AUTH	European Union (EU)
The <b>MOBI-DEV</b> Project	2000-2002	Mobile Computing Devices For Secure HC Systems	Senior Expert, National Coordinator	European Union (EU)
The <b>AGROMART</b> Project	2001-2003	On-Line Systems For Agricultural Market Information And Monitoring	Senior Expert, I.T. sector Coordinator	European Union (EU)
The <b>OPUS</b> Project	2002-2003	Optimal And Secure On-Line Procurement And Auctioning	Senior Expert, National Coordinator	European Union (EU)
The <b>NETCARDS</b> Project	2002-2003	Use Of Smart Cards For Easier And Secure Access To National HC Systems	Senior Expert, National Coordinator	European Union (EU)
The <b>SCOFI</b> Program	2002-2004	Developing Security IT Filters For A Safer Use Of The Internet	Senior Expert, National Coordinator	European Union (EU)
The <b>NETCARDS II</b> Project	2004-2006	Pilot Implementation of The Netc@rds Concept In Europe	Senior Expert, National Coordinator	European Union (EU)
The <b>IKA MARTCARD</b>	2004-	Pilot EHIC Implementation	Senior Expert, National	IKA (GR)

Project	2006	In Greece	Coordinator	
The <b>IP/PROG</b> Project	2005-2007	Multimedia Computing Security And Applications	Senior Expert, Scientific Coordinator, AUTH	European Union (EU)
The <b>NETCARDS III</b> Project	2006-2009	Further Deployment of The Netc@rds Concept and service In Europe	Senior Expert, National Coordinator	European Union (EU)
The <b>NETCARDS IV</b> Project	2009-2011	Deployment of The Netc@rds Concept In Europe	Senior Expert, National Coordinator	European Union (EU)
The <b>epSOS I</b> Project	2007-2009	Development of European Patient Smart Open Services	Senior Expert, National Coordinator	European Union (EU)
The <b>epSOS II</b> Project	2010-2013	Development of European Patient Smart Open Services	Senior Expert, National Coordinator	European Union (EU)
Security <b>VODAFON S.A.</b> Study	2006-2007	Analysis And Improvement of The Company's ICT Security Framework	Senior Researcher	Vodafone S.A. GR
Smart Card <b>e-HEALTH</b> Project	2007-2007	Regional Implementation of A Smart-Card Based System	Senior Expert, National Scientific Coordinator	YPESDA GR
The IKA <b>SMART CARD</b> Project	2008-2008	National Implementation of A Smart-Card Based System	Senior Expert, National Scientific Coordinator	IKA GR
The <b>e-CODEX I</b> project	2010-2013	e-Justice Communication Via on-line Data Exchange for Europe	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>e-CODEX II</b> project	2014-2016	e-Justice Communication Via on-line Data Exchange for Europe - Extension	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>BIOTAFOTITA</b> project	2011-2013	Advanced Secure Biometric Identification Methods	Senior Expert, Scientific Coordinator AUTH	General Secretariat for Research
The <b>New4EESI</b> project	2012-2013	Study on real-time service extensions for EESI	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>eHGI</b> project	2012-2014	European Electronic Health Governance Initiative	Senior Expert, National Scientific Coordinator	European Union (EU)

The <b>SOHealth</b> project	2013-2014	Smart Open Internet Services for Health	Senior Expert, Project Coordinator	General Secretariat for Research
The <b>e-SENSE</b> project	2013-2016	Electronic Simple European Networked Services	Senior Expert, AUTH Project Coordinator	European Union (EU)
The <b>EXPAND</b> project	2014-2016	Expanding Health Data Interoperability Services	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>API for Justice</b> project	2016-2017	Application Programming Interfaces for e-Justice applications	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>ProCODEX</b> project	2016-2018	Programming for enabling Users to exploit e-CODEX services	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>Me-CODEX</b> project	2016-2018	Maintenance of e-CODEX cross-border services	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>ENABLE</b> Project	2017-2018	Enabling electronic access to information for the judicial enforcement of claims in EU	Senior Expert, National Scientific Coordinator	European Union (EU)
The <b>CEF</b> Project	2017-2021	Deployment of Generic Cross Border e-Health Services in Greece	Senior Expert, AUTH Project Coordinator	European Union (EU)
The <b>Find-an-Expert</b> project	2017-2019	On line access To Trans-European Judicial Expert databases	Senior Expert, AUTH Project Coordinator	European Union (EU)
The <b>e-CODEX PLUS</b> project	2017-2019	Extension of e-CODEX cross-border services to new countries	Senior Expert, AUTH Project Coordinator	European Union (EU)
The <b>Evidence2eCODEX</b> project	2017-2019	Use of e-CODEX infrastructure for the e-Evidence use case	Senior Expert, AUTH Project Coordinator	European Union (EU)
The <b>EXEC</b> project	2018-2020	Implementation of a trans-European infrastructure for handling digital evidences	Senior Expert, AUTH Project Coordinator	European Union (EU)
The <b>e-Helth ID</b> project	2018-2020	Connecting national e-Health services infrastructure to e-IDAS	Senior Expert, AUTH Project Coordinator	European Union (EU)
The		Automated cross-border	Senior Expert,	European

<b>i-Support</b> project	2018- 2020	recovery of maintenance obligations with use of I.T.	AUTH Project Coordinator	Union (EU)
The <b>Me-CODEX II</b> project	2019- 2021	Maintenance and improvement of e-CODEX cross-border services	Senior Expert, National Scientific Coordinator	European Union (EU)

Also, participation, as an expert evaluator, after an invitation from the EU, in the evaluation for the selection progress of several EU projects and programs (over 25 years of experience).

## OTHER PERSONNAL SKILLS

LANGUAGES COMPETENCE (*)	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
	English	5	excellent	5	excellent	5	excellent	5	excellent	5
French	1	basic	1	basic	1	basic	1	basic	1	Basic
Greek	5	excellent	5	excellent	5	excellent	5	excellent	5	excellent

(\*) [self-assessment, Competence on a scale of 1 to 5 (: 5 - excellent; 1 – basic]

## OTHER ASSIGNMENTS AND COMPETENCES

- National Representative of Greece to the European Union's FP7 Security Research Program SRP/FP7 (2004–2012)
- President of the Greek Computer Society (Northern Greece) (1999–2003)
- President of the Education and Research Working Group of the Greek Computer Society (1996 – 1999)
- President and Member of the Board of the (Brussels based) Confederation of European Computer Users Association (CECUA) (1988-1991, 1991-1993)
- Representative of Greece to the International Medical Informatics Association (IMIA)
- Frequently chosen research proposal evaluator by the European Commission (twice prized as best evaluator)
- Vice-President of the Greek Medical Informatics Association (GMIA) (1992-1996)
- Co-founder and Director of the IT Support center of AUTH (10.000 staff, 55.000 students, www.itc.auth.gr) (1998-2008)
- Scientific coordinator of the AUTH Computer Forensics research group
- Scientific coordinator of the AUTH e-health research group
- Scientific coordinator of the AUTH information security research group
- Member of the supreme state technical advisory board for the approval of I.T. procurements in the Greek public sector (1980 – 1990)
- Member of the research management committee of AUTH (2007-2013)

#### **I. PUBLICATIONS**

- Over 200 Articles in International Scientific Journals and Scientific Conferences. Mainly on information security and eGov related topics

(see Annex 1, below)

#### **II. BOOKS**

- 12 international books (author or co-author) on informatics, information security and e-health related topics

(see Annex 1, below)

- 14 books in Greek (author or co-author) on informatics, information security and e-health related topics

(see Annex 1, below)

#### **III. IMPLEMENTATION OF RESEARCH PROJECTS AND STUDIES**

- Project leader / expert in a significant number (more than 50) major international and several national research projects and studies in informatics, information security, e-health, e-Gov, etc.

(see annex 1, below)

#### **IV. FORMULATION / SELECTION / EVALUATION OF EU PROGRAMS / PROJECTS**

- Extensive experience as expert / proposals evaluator, after an invitation from the EU, for the formulation of EU research programs, and the evaluation / selection / progress of several EU projects

(see annex 1, below)

#### **V. MANAGEMENT EXPERIENCE**

- Responsible (as director/scientist in charge, since 1992) for organizing and running one of the biggest student training laboratories of AUTH
- Responsible (as manager, president, etc.) for coordinating and motivating several groups of people
- Director / CEO of several departments / organizations
- Involved (as president, member of board, etc.) in several national and international professional bodies, social and other organizations

(see also annex 1 below)



## ANNEX 1: SCIENTIFIC PUBLICATIONS AND BOOKS

### I. SCIENTIFIC PUBLICATIONS

- Serketzis, N., Katos, V., Ilioudis, C., Baltatzis, D. and Pangalos, G., “Actionable Threat Intelligence for Digital Forensic Readiness”, Information and Computer Security, Accepted, November 2018.
- Serketzis, N., Katos, V., Ilioudis, C., Baltatzis, D. and Pangalos, G., “A Socio-Technical Perspective on Threat Intelligence Informed Digital Forensic Readiness”, International Journal of Systems and Society, V. 4 No. 2, pp. 57–68, 2017
- D. Katehakis, G. Pangalos, A. Prentza, Security Improvements for Better and Safer Cross-Border ePrescription and Patient Summary Services, International Journal of Reliable and Quality E-Healthcare (IJRQEH), Volume 6, Issue1, 2017
- G. Pangalos, A. Prentza, D. Katehakis, A secure European space for moving cross-border health services forward, Transforming Government: People, Process and Policy International Journal, ISSN: 1750-6166 Volume 10, Issue 3, 2016.
- G. Pangalos, A. Asimakopoulos, The new Greek national e-Prescription system: a powerful eHealth tool for improving services to citizens and administrative control, NHIBE2015 International Conference, August 2015.
- G. Pangalos, I. Salmatzidis, Secure electronic cross-border access to legal means and procedures in Europe - the Greek eCODEX pilot, EMCIS2015 International Conference, June, 2015
- G. Pangalos, I. Salmatzidis and I. Pagkalos, Using IT to provide easier access to cross-border legal procedures for citizens and legal professionals - implementation of a European Payment Order eCODEX pilot, International Journal for Court Administration (IJCA), Vol. 6, No. 2, December 2014
- G. Pangalos, V. Sfyroeras and I. Pagkalos, e-Prescription as a tool for improving services and the viability of healthcare systems: the case of the Greek national e-prescription system, Int. J. Electronic Healthcare, Vol. 7, No. 4, 2014.
- G. Pangalos, I. Salmatzidis and I. Pagkalos, IT at the service of citizens and legal professionals' secure cross-border access to legal means in Europe: The Greek e-Justice pilot of European Payment Order, 6th International Conference on Information Law and Ethics (ICIL 2014), Thessaloniki, 2014
- S. Veloudis, G. Pangalos, et.al., A formal framework to support dynamic authorisation in collaborative environments, Int. J. Computational Science and Engineering, Vol. 9, No. 4, 2014
- A. Tsiampiris, G. Pangalos, et.al., Geometrical Facial Feature Selection for Person Identification, 16<sup>th</sup> International Conference on Information Fusion, Istanbul, Turkey, July, 2013.
- G. Pangalos, N. Adamou, et.al, Using e-prescription as a tool for providing better services and achieving a sustainable stability of the healthcare system, ICABE 2013, International Conference on Applied Business and Economics, New York, USA, September 2013.
- G. Pangalos, N. Nader and I. Pagkalos “Using the NETC@RDS approach as a basis for secure cross-border electronic authentication, 12<sup>th</sup> IFIP Conference on e-Business, e-Services, e-Society, IFIP WG 6.11, Athens, 2013
- G. Pangalos, D. Asimakopoulos et.al., The new Greek national e-prescription system: an effective tool for improving quality of care and containing medication costs, Studies in Health Technology and informatics;190:13-7, 2013
- Above: Also published in International Conference on Informatics, Management and Technology in Healthcare 2013 (ICIMTH 2013), 2013
- D. Baltatzis, G. Pangalos, et. al., ‘A formal framework to support dynamic authorization to on line collaborative environments’, Information Security Journal, vol. 21, no. 1, pp. 12-27, 2012
- D. Baltatzis, G. Pangalos, et. al., A Role Engineering Framework to Support Dynamic Authorizations in Collaborative Environments, Information Security Journal: A Global Perspective, Taylor and Francis Group, Vol. 21, pp12–27, 2012.
- A. Zaharis A., Martini A., Pangalos G., et. al., Reconstructive Steganalysis by Source Bytes Lead Digit Distribution Examination, WDFIA 2011: 55-68, 2011.
- A. Zaharis, G. Pangalos, et.al., Lightweight Steganalysis Based on Image Reconstruction and Lead Digit Distribution Analysis, International Journal of Digital Crime and Forensics (IJDCF), Volume 3, Issue 4, 2011.
- G. Pangalos, C. Ilioudis, I. Pagkalos, The Importance of Corporate Forensic Readiness in the Information Security Framework, 19th IEEE International Workshop on Enabling Technologies: Infrastructures for Collaborative Enterprises, WETICE 2010, p. 12-16, June, 2010
- G. Vakaros, G. Pangalos, K-bass: A Knowledge-Based Access Security System For Medical Environments, 4th International AIS / IFIP Conference on Information Systems (MCIS-2009), Athens, 2009
- A. Samaras, G. Pangalos, et.al., ‘Using Artificial Immune Systems for Improving Security: the Autonomous Detector

Negative Selection Algorithm', International Informatics Conference, Greek Computer Society, Kerkira, 2009

- A. Samaras, G. Pangalos, et.al., Using nature and bio-inspired technologies for building innovative proactive security mechanisms, 5th CEPE International Informatics Conference, 2009.
- G. Pangalos, V. Kattos, Information assurance and computer readiness, e-democracy international conference, Athens, 2009.
- G. Pangalos, S. Kortesis, et.al., Deployment of the NETC@RDS Service: a new step towards the electrification of the European Health Insurance Card, 5th international EMMIT conference, Lebanon, 2009.
- Georgiadis C., Baltatzis D., and Pangalos G., "Secure mobile agent environments: modeling role assignments", in Int. J. Electronic Security and Digital Forensics, Interscience, Vol. 1, No. 3, pp. 249-267, 2008.
- S. Spyrou, G. Pangalos, et.al., A methodology for reliability analysis in health networks, IEEE transactions on information technology in biomedicine, Vol. 12, No. 3, May, 2008
- S. Kortesis, G. Pangalos, et.al., "An alternative approach towards the Introduction of the European Health Insurance Card - results achieved and lessons learnt from NETC@RDS initial deployment phase", 4th eGovernment and eHealth International Conference, Milan, Italy, 2008
- Mavridis, G. Pangalos, et.al, "Supporting Dynamic Administration of RBAC in Web-based Collaborative Applications during Run-time", International Journal of Information and Computer Security, Vol.2, No.4, pp.328 – 352, 2008.
- G. Pangalos, et.al, "Deployment of the netc@rds service: a new step towards the electrification of the European Health Insurance Card," EMMIT2008, 4th international medical informatics and telemedicine conference, March, 2008.
- Bratsas, G. Pangalos, et.al, KnowBaSICS-M: an ontology-based system for semantic management of medical problems and computerized algorithmic solutions, Computer Methods and Programs in Biomedicine Journal, 11/2007; 88(1):39-51, 2007.
- A. Mattas, I. Mavridis and G. Pangalos, "An Implementation of Dynamically Administered Role-based Access Control on the Web," International Review on Computers and Software Journal, Print ISSN:1828-6003, ISSN: 1828-6011, Vol. 2, No. 3, 2007.
- C. Ilioudis, D. Baltatzis, G. Pangalos, Securing Healthgrid Environments, SECRIPT'07 International Conference on security and cryptography, Barcelona, Spain, 2007
- G. Pangalos, S. Kortesis, et.al., "improving access to national health care systems with the use of advanced smart card technology," Proceedings EMMIT 2007, 3rd international conference on medical informatics and telemedicine, Mangalia, Romania, May, 2007.
- S. Kortesis, G. Pangalos, "NETC@RDS: towards the Introduction of the European Health Insurance Card," Hospital Healthcare Europe journal, Vol. 8, 2007.
- A. Mattas, I. Mavridis, C. Ilioudis, G. Pangalos, "Dynamic Access Control Administration for Collaborative Applications", Proceedings of 10th WSEAS International Conference on Computers, Greece, 2006.
- A. Mattas, I. Mavridis, G. Pangalos, "A Paradigm for Dynamic and Decentralized Administration of Access Control in Workflow Applications," Proceedings of 21st IFIP International Information Security Conference (SEC 2006), Karlstadt, Sweden, published by Springer, May, 2006.
- S. Kortesis, G. Pangalos, et.al, "An alternative approach towards the Introduction of the European Health Insurance Card", Hospital Healthcare Europe, Vol. 9, 2006.
- M. Hassapidou, G. Pangalos, S. Papadopoulou, D. Kugiuntzis, Obesity prevalence, dieting status and food choice criteria in adolescents in Thessaloniki, Greece: results from database processing and analysis, Obesity Reviews, 7(2), 352, 2006
- A. Mattas, I. Mavridis, C. Ilioudis, G. Pangalos, "DARBAC: Dynamically Administering Role Based Access Control," Transactions on Information Science & Applications Journal, Issue 10, Volume 3, October, 2006,.
- S. Kortesis, G. Pangalos, et.al, Using advanced e-health technology for improving access of mobile citizens to national health care systems, International Conference on Software Engineering Advances (ICSEA 2006), French Polynesia, 2006.
- Above: Published also in CIMCA - IAWTIC'06 Journal, Volume 01, IEEE Computer Society, pp. 205-210, 2005
- D. Baltatzis, C. Georgiadis, and G. Pangalos, "Mobile Agents in E-commerce Environments: Supporting Collaborative Activities," Proceedings of the International Conference on Computational Intelligence for Modeling, Control and Automation and International Conference on Intelligent Agents, Web Technologies and Internet Commerce, Vienna, Austria, 2005.
- D. Baltatzis, G. Pangalos, et.al, "Securing grid computing based business environments, New Horizons in Business,

Industry and Education," 4th International Conference, Corfu, August, 2005

- S. Kortesis, G. Pangalos, et.al, "Improving access of mobile european citizens to the national health care systems using advanced smart card technology," e-Government and e-health, 2nd international conference, Milano, Italy, July, 2005.
- A. Mattas, I. Mavridis, G. Pangalos, 'Access Control Administration in Healthcare Applications', International Congress "Medical Informatics Europe", IOS Press, Budapest, Hungary, August, 2004
- C. Georgiadis, D. Baltatzis and G. Pangalos, 'Programming Secure Mobile Agents in Healthcare Environments using Role-Based permissions', MIE 2003, International Congress "Medical Informatics Europe" , IOS Press, St. Malo, France, May, 2004
- D. Baltatzis, C. Georgiadis, G. Pangalos, 'Dynamic authorizations: an important security aspect in distributed systems', MDM 05, International Conference on Mobile Data Management, IEEE TCDE/TCI, ACM SIGMOBILE/SIGMOD, 2004
- D. Baltatzis, S.Kortesis, C. Georgiadis, C. Ilioudis and G. Pangalos, 'Using RBAC for the mobile agent authorization problem', Proceedings of the 4th International Network Conference, Plymouth, July, 2004.
- D. Baltatzis, C. Georgiadis and G. Pangalos, "Role-based Authorizations using mobile agents in healthcare organizations", Int. Journal of Technology and Healthcare, pp. 449-450, Vol. 10, Nr. 6, 2004.
- G. Pangalos , G. Vakaros, C. Georgiadis, et. al., "Dynamic Access Control Management Using Expert System Technology", 3rd SETN Conference on Artificial Intelligence (SETN 04), Samos, Greece, May, 2004.
- D. Baltatzis, S.Kortesis, C. Georgiadis, C. Ilioudis and G. Pangalos, ' Using RBAC for the mobile agent authorization problem', Proceedings of the 4th International Network Conference, Plymouth, July, 2004.
- A. Mattas, I. Mavridis, G. Pangalos, 'Towards Dynamically Administered Role-Based Access Control', 14th International Workshop on Database and Expert Systems Applications (DEXA'03), (494-498), September 1-5, 2003, Prague, Czech Republic. IEEE Computer Society, 2003
- C. Georgiadis, D. Baltatzis and G. Pangalos, 'Access Control for E-Commerce Using Mobile Agents', ISSA 2003, 3rd Information Security Conference, Gauteng, South Africa, 9-11 July, 2003.
- C. Georgiadis, D. Baltatzis and G.I. Pangalos, 'Programming Secure Mobile Agents in Healthcare Environments using Role-Based permissions', MIE 2003, International Congress "Medical Informatics Europe", IOS Press, St. Malo, France, May, 2003
- D. Baltatzis, C. Georgiadis, G. Pangalos, 'Dynamic authorizations: an important security aspect in distributed systems', MDM'05, International Conference on Mobile Data Management, IEEE TCDE/TCI, ACM SIGMOBILE/SIGMOD, 2003.
- D. Baltatzis, C. Georgiadis, and G. Pangalos, 'Dynamic role assignment in secure distributed environments', Journal of Computer and Security, Elsevier, 2004.
- G. Pangalos, D. Baltatzis, C. Georgiadis, S. Kortesis, C. Ilioudis: Security Issues of Electronic Democracy: the Use of Mobile Agents, International Conference on E-Democracy, Athens, 2003.
- Above: Also published in Proceedings 18th International Congress of the European Federation for Medical Informatics" (MIE2003), St. Malo, France, May, 2003.
- C. Georgiadis, D. Baltatzis, G. Pangalos , "Programming Secure Mobile Agents in Healthcare Environments using Role-based Permissions", Studies in Health Technology and Informatics, 2003;95:136-40
- C. Georgiadis, I. Mavridis, G. Pangalos, "Healthcare Teams over the Internet: Programming a Certificate-based Approach", International Medical Informatics Journal (INT J MED INFORM), 70(2-3):161-71, July, 2003.
- C. Chousiadis, G. Pangalos, 'Implementing Authentication (LAP) and monitoring in healthcare information systems', Health Informatics Journal, vol. 9 no. 2, 79-87, June, 2003
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## II. INTERNATIONAL BOOKS

Co-author in the following 12 international books on informatics, e-health and information security related topics:

- **Security For Object Oriented Systems**, Thuraisingham B., (Editor), Workshops Series, Springer-Verlag, London, 1994.
- **IMIA Yearbook / 1994**, Bemmell J. (Editor), Schattauer Publishing Company, Germany, 1994.
- **Caring For Health Information: Safety, Security and Secrecy**, E. Barber, A. Bakker, S. Bengtsson (Editors), Elsevier Science Publ., 1994.
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- **Security Standards For Health Care Information Systems**, Alaert F, Blobel B, Louwers K, Barber B (Editors), Ios Press, Amsterdam, 2002.





### III. BOOKS IN GREEK

Author or co-author of 14 books on I.T. in Greek (two under publication) on informatics, e-health and information security related topics

- **Information and Communication Systems Security**, Pangalos G., Mavridis J., Thessaloniki, 2005 (First Published 2002), Pages 408.
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