



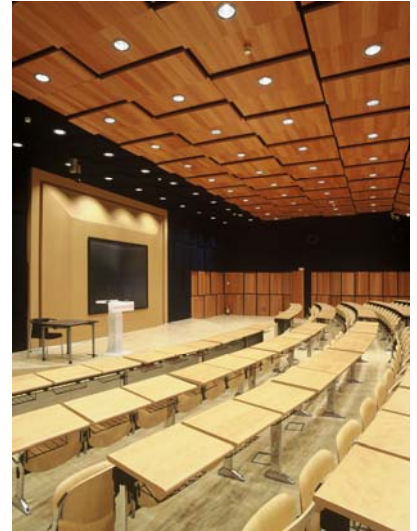
AIT news

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NEWS ON AIT'S PROGRAMS, ACTIVITIES AND EVENTS

OPEN DAY - ΗΜΕΡΙΔΑ ΕΝΗΜΕΡΩΣΗΣ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΠΡΟΓΡΑΜΜΑΤΩΝ



Athens Information Technology (AIT) Held an OPEN DAY for the Master of Science programs in Information Networking (MSIN), Information & Telecommunications Technologies (MSITT), and Management of Business, Innovation & Technology (MBIT).

The event took place on Wednesday, February 7, 2007, at AIT. Following a presentation on the full gamut of AIT's programs and academic and research activities, visitors and students had the opportunity to speak to the professors about their academic and/or research interests, tour the AIT facility (laboratories, library etc.), submit applications, and gather information they need on scholarships.

NOTE:

Application deadline for the MSIN is 18 May 2007.

Application deadline for the MSITT and MBIT is 4 September 2007.

For further information on AIT's programs and its scholarships, please visit our website or contact the Admissions Office at +30-210-6682702,-2704,-2841 or admissions@ait.edu.gr.



PROFESSIONAL EDUCATION PROGRAMS

Information on the Spring Professional Education Programs is available at

http://www.ait.edu.gr/profPrograms/Course_scheduling.asp

Online registration: http://www.ait.edu.gr/profPrograms/Course_registration.asp.

AIT offers a variety of Professional Education Programs on advanced cutting-edge technology topics. These programs reflect AIT's commitment to provide high quality learning opportunities to all those who seek to advance their personal and professional knowledge.

They are addressed to individual students, professionals, scientists and engineers, high level executives, as well as companies having the vision to develop their organization and business by investing in new knowledge and skills.

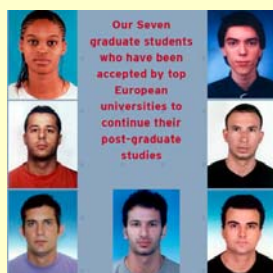
The Professional Education Programs are offered by AIT faculty members who are experts in specific areas. By conducting leading edge research, faculty members remain at the forefront of technological and scientific evolution and continuously enhance educational activity with enriched course topics and content.

Professional Education Programs, for the Spring and Summer of 2007:

Course Title (click on)	Dates	Hours	Instructor
<u>Telecommunications and IT Management</u>	19,20,21,22 March	20	Dr. I. Tomkos Dr. Gr. Yovanof
<u>Enterprise Java Technologies Seminar Series</u>			
<i>J2EE Overview</i>	22,23 February	8	Dr. J. Soldatos
<i>J2EE for Technical Project Managers</i>	27 February, 1 March	8	
<i>J2EE for Architects and Senior Developers</i>	2,6 March	10	
<u>Mastering XML using .NET</u>	26,27,28 February	18	Dr T. Tiropanis Dr I. Christou
<u>S/W Engineering: Tools and Lab</u>	26,27,28 February	16	Dr. S. Efremidis
<u>Finance for Non-Financial Managers</u>	12,14,16 March	20	Mr. G Hazapis
<u>Unified Modeling Language</u>	12,13,14 March	15	Dr. S. Efremidis
<u>Mastering XML using Java</u>	16,17,18 April	15	Dr T. Tiropanis
<u>Oracle Enterprise Application Development Seminar Series</u>			
<i>Oracle Architecture, Oracle SQL, Oracle PL/SQL</i>	17,19,20 April	12	Dr. J. Soldatos
<i>Java/J2EE Development with Oracle</i>	24,26,27 April	12	
<u>The Art and Science of Negotiation</u>			
<i>Negotiating for Competitive Advantage in the 21st Century</i>	17,18,19 April	20	Dr Bian Mandel (KSG - Harvard University)
<i>Advanced Negotiation Skills: Barriers and Opportunities in Multiparty Negotiations</i>	20,21 April	13	
<u>Object Oriented Programming</u>	16,17,18 May	16	Dr. S. Efremidis
<u>Cryptography and Data Security</u>	17,18 May	12	Dr T. Dimitriou



Seven Athens Information Technology graduates admitted to continue their PhD's at the best European Universities



Seven AIT graduates from the 2006 MSIN program (offered by AIT in cooperation with Carnegie Mellon University), have been accepted, with scholarships, by leading European universities to continue their PhD studies. Supported by their education and research activities at AIT, the graduates are qualified to meet the high standards required to implement research projects and to promote cutting-edge technology using advanced methods and techniques. The following students have been admitted to the following PhD programs:

- **Chinwe Abosi**, from Botswana, MSIN graduate (2006), has been accepted by Essex University, in UK. Her PhD will be on Photonics Technologies.
- **Konstantinos Gkoutzis**, from Greece, MSIN graduate (2006), has been accepted by the University of Plymouth in UK. His PhD will be on XML Technologies & Semantic Web.
- **Ghassan Karamé**, from Lebanon, MSIN graduate (2006), who, during his studies collaborated with two research groups at AIT - Algorithms & Security, Autonomics & Grid Computing - has been accepted by the ETH Zurich (Swiss Federal Institute of Technology Zurich).

Meanwhile, AIT Alumni who have continued to work with research groups at AIT after their graduation, have received recognition in the scientific community, have published in international scientific journals (IEEE, SIAM), have participated in conferences and have had an active role in research projects carried out in AIT's laboratories. The experience and results gathered supported the development of their independent research activities and enabled them to continue their studies towards obtaining a Ph.D.

- **Mr. Vassilis Milonakis** was accepted by the National Metsovio Polytechnic in Greece where he will continue his work on Grids.
- **Mr. Ilias Pendzeperis** was accepted by the Max Plank Research Center in Germany where he will continue his work in the field of Biomedical Engineering.
- **Mr. George Souretis** begins his Ph.D. on Biomedical Engineering at the Imperial College of London.
- **Mr. Ioannis Papayiannakis** is continuing his studies at the University of Patras in Greece in the field of Mitigation of Optical Transmission Impairments by Electronic Means.

In addition to the above students, there are four more AIT graduates waiting for the results of their applications to continue their studies towards a PhD at European and American universities.

AIT is proud of its students and wishes them the best for their careers.

One-Day Excursion to Delphi



On Friday, 17 November, our international students (from Bangladesh, China, Philippines, Skopje, Lebanon, Ethiopia) and some of our Greek students, currently enrolled in AIT's degree programs, enjoyed a one-day excursion to Delphi.

We made a first stop at the picturesque town of Arachova, continued to Delphi, and stopped several times to take pictures of the wonderful view. Once we arrived at Delphi we visited the museum before continuing to the ancient archeological site. The day was beautiful, the sky was clear and the olive groves below us stretched to the sea. It was easy to understand why Delphi was chosen to be the home of the oracle and become such a significant cultural site.

1st annual "Wimax & The Road to Broadband Access" forum successfully completed



The first annual forum on "Wimax & The Road to Broadband Access", organized by Athens Information Technology at its Peania campus, was completed successfully.

The forum presented a global view of the latest development of WiMAX, a cutting edge technology in the area of wireless telecommunications, and which is able to cause inversions and restructures to the world market of mobile telephony. Specifically, the thematic units were about the presentation of the technological solutions for WiMax and of the broadband services that it can offer, scripts and most optimal practices for network installation, policy and legislation issues, and enterprising models, while a broader discussion took place on the views given by the social partners. An extensive report was presented on the largest WiMax network in operation that has been developed by ITC in Saudi Arabia as well as on the results of the compatibility control of the WiMax devices that took place in the framework of the recent Plugfest in the USA in September 2006.



Speakers at the forum included Dr. G. Argyropoulos, President of FITCE Europe; Dr. G. Yovanof, Professor and Head of the Broadband Wireless and Sensor Networks group of AIT; Dr. P. Dallas, Wireless Systems Manager, Intracom telecom; Mr. T. Griparis, Technology Specialist, Bechtel EAMS; G. Livieratos, Account Manager Carrier Networks, UNINORTEL; Dr. G. Agapiou, Head of Wireless and Satellite Labs, OTE; Dr. H. Stellakis, Telecommunications Project Section Manager, Information Society; Dr. N. Vlassopoulos, Head of Spectrum Division, EETT; Professor V. Vassalos, Member of Board of Directors, National Observatory; Dr. P. Tzerefos, Strategy Development Manager, Vodafone; Mr. L. Lentzaris, General Manager, Hellas on Line; Mr. S. Malachias, Infrastructure Planning & Development, Hellas on Line; Dr. X. Papachristos, Project Manager, HellasSatNet, HellasSat; Dr. G. Tenidis, ITC Program and Dr. E. Dinan, Chief Network Planning, Bechtel Telecommunications.

The forum was followed by over 100 participants, high-level executives from the private and public sector, corporate consultants and media representatives and ended late in the afternoon with a round-table discussion attended by INTRACOM Telecom, Vodafone, EETT, Craig Wireless Group, UNINORTEL and Hellas on Line. The round-table discussion included a tele-conference with Stanford University and to which Professor Paulraj Arogyaswamu, Technical Director of Beceem Communications, one of the three companies in the world producing completed WiMax systems, contributed.

Grand sponsor of the event was INTRACOM Telecom. Other sponsors were Bechtel, Converage, Hellas on Line, PRC. Grand Communication Sponsor was NetFAX, Netweek. Other communication sponsors were Naftemporiki, PC Magazine, Flash.gr, New Economy Observer (ne.o), DAILY Resellers Network and Communication Solutions.

“The 21st Century Governance: Critical Skills for Leading and Sustaining Innovative Organizations”, January 23-26, 2007 at Athens Information Technology

The “21st Century Governance: Critical Skills for Leading and Sustaining Innovative Organizations” was a four-day closed executive training program, organized by Harvard University’s Kennedy School of Government and hosted by Athens Information Technology (AIT) in Peania. It was designed to offer participants analytical, management and problem-solving tools which are critical for advancing important individual and organizational goals and which are vital for generating, managing and leveraging innovation in an era of growing global complexity.

Led by faculty who are luminaries in their fields, “21st Century Governance” was designed exclusively for senior professionals in the public and non-profit sectors in societies facing change and transition. Administered by Harvard’s Kokkalis Program and held in Athens Greece at the state-of-the-art facilities of Athens Information Technology (AIT), to provide instruction and professional enrichment in four main fields:

Negotiation and Conflict management; Scenario planning; Strategic Management; and Innovation.

Harvard faculty who taught the program were:

Dr. Elaine Kamarck, Lecturer in Public Policy, Belfer Center for Science and International Affairs, Kennedy School of Government (see: http://ksgfaculty.harvard.edu/elaine_kamarck)

Dr. Christine Letts, Associate Dean for Executive Programs and Rita E. Hauser Lecturer in the Practice of Philanthropy and Nonprofit Leadership, Kennedy School of Government (see http://ksgfaculty.harvard.edu/Christine_Letts)

Dr. Brian Mandell, Lecturer in Public Policy and Chair of the Negotiation Project, Kennedy School of Government (see http://ksgfaculty.harvard.edu/Brian_Mandell)

Participants included 46 members of parliament, ministers, deputy ministers, secretary generals, chief of cabinets, general directors, vice presidents, advisors to ministers, chief of staffs and executive directors, in the public and private service of Albania, Bosnia, Bulgaria, Croatia, FYROM, Greece, Israel, Jordan, Kosovo, Montenegro, Romania, Serbia, Slovenia and Turkey.

Please continue to visit our site for information on similar Harvard executive training programs hosted by AIT in April and May 2007.

Leader of Top European Business School discusses the Bologna Process and the future of Management Education



“The Bologna Process will create a much more efficient and competitive European university market,” argued the Dean of Instituto de Empresa, a leading business school top-ranked by the Economist Intelligence Unit, at a lecture organized by the Kokkalis Foundation and Athens Information Technology (AIT) on October 12, 2006, in Athens.

To be completed by 2010, the Bologna Process will transform the EU into the “United States of Europe, at least in what refers to higher education”, stated Santiago Iñiguez de Onzoño. The current list of signatories of the Bologna Process includes 45 countries, which goes much beyond the membership of the EU, and the number is growing. The harmonisation of educational systems among the signing countries will probably precede ulterior forms of integration-social, economic and cultural-including future membership in the EU.

Dean Santiago Iñiguez comparatively laid out the traditional university model of education and the new model foreseen in the Bologna convention and addressed frequent myths and misperceptions associated with both models. For the leader of Instituto de Empresa the objective of the reform process is that students may choose any university in Europe according to their preferences and personal merits. In turn, the reform will mean that universities will compete to attract the best students and will have to fully exploit their resources to become the reference in their areas of excellence.

According to Dean Santiago Iñiguez, the creation of this university market requires the fulfilment of at least two requirements, which to date have not been developed in discussions by the Bologna stakeholders: the creation of a transparent “information market”, where students have access to all relevant knowledge about existing offerings, and the development of financial means that guarantee the efficient distribution of resources, e.g., grants and loan schemes. The lecture concluded with a detailed discussion on the effects of the Bologna reforms on old and new education institutions, in particular the effects on their sources of income, on their geographic markets, on their activities and program curricula, and on their strategic alliances with similar institutions as well as with the industry.

The event was attended by a capacity audience of the highest profile, including foreign dignitaries, business leaders, academia, and media representatives from Greece and the region.



ONDM conference update

The Optical Network Design and Modelling Conference organized by AIT and which will take place at its premises on May 29-31, 2007, has accepted over 100 research papers currently being considered by the technical program committee for their inclusion in the final conference program.

Among these papers, a number of invited contributions were received.

It is worth noting that the invited speakers include distinguished scientists like Prof. Alan Willner (USC), Dr. Haruhisa Ichikawa (NTT), Prof. Ken-Ichi Kitayama (Osaka University), Prof. Chunming Qiao (U at Buffalo), Prof. Piet Demeester (University of Ghent), Prof. Keren Bergman (Columbia University), Prof. Andrea Fumagalli (UTD - Texas), Prof. Jian Wu (BUPT, China), Prof. Maurice Gagnaire (ENST), Prof. Piero Castoldi (SSSUP) and Dr. Hans-Martin Foisel (T-Systems). Interested participants are encouraged to register at the conference web site: <http://www.ondm2007.gr/>

AIT AT IST 2006 CONFERENCE

AIT presented its advanced technologies at the IST 2006 Conference



AIT presented its important achievements in research and technological innovation at the IST 2006 conference and exhibition. This year's most important European event in the field of Information Society Technologies coincided with the launch of the EU's Seventh Framework Programme for Research and Development (FP7).

IST 2006 took place on November 21-23, 2006. The event was organized within the framework of the Finnish Presidency of the European Union by the European Commission's Directorate-General for the Information Society and Media, the Finnish Ministry of Trade and Industry and Tekes, the Finnish Funding Agency for Technology & Innovation.



The central theme of the 2006 IST Conference was "Strategies for Leadership" and its main aim to challenge Member States, industry and academia to join forces in the fight for a more competitive Europe. AIT actively participated in the conference, its networking sessions and had an exhibit at which it presented innovative research results in the area of information and communication technologies. These results have been developed in-house by AIT's research groups and concern the application of infuse intelligence in the spaces where people live, work, entertain, learn or take care of the sick and the elderly. A number of these results have been produced in the context of very successful and innovative technology projects awarded to AIT by the EU.

AIT was also involved in the exhibition of the EU CHIL project, one of the three winners of the "Best Exhibit at IST 2006" award.

IST BReATH CLOSING CONFERENCE

ST Project BReATH closing conference: Stimulating Broadband in the EU New Member States

The closing conference of EU project BReATH (Broadband e-services and Access for The Home), in which AIT is a partner, took place on December 11, 2006 in Geneva, Switzerland, colocated with the Broadband Europe 2006 conference and exhibition (<http://www.bburope.org/>).

The objectives of the BReATH closing conference were to present BReATH's overall accomplishments, and the Strategic Modelling, Good Practice Framework and Roadmapping tasks performed within BReATH, to present the challenges and perspectives for residential and SME broadband deployment in the New Member States and Associated Candidate Countries, to put the BReATH findings in perspective by looking at broadband development results from related (research and other) projects, especially those that target NMSs and ACCs.



PRIAMOS: New Research Contract awarded to the Athens Information Technology by the General Secretariat of Research and Technology

PRIAMOS (in Greek ΠΡΙΑΜΟΣ - ΠΡοσαρμοστικά συστήματα πραγματικού χρόνου για εξόρυξη σημασιολογίας και ευφυείς διεπαφές - επίδειξη σε εφαρμογές ασφάλειας και Επικοινωνίας του Πολίτη) is the name of the new national research project, in which AIT participates with the Institute of Computer and Communication Systems (ICCS) and ARCHETYPON S.A. PRIAMOS is an 18-month project which began during the last quarter of 2006. The project is co-funded by the General Secretariat of Research and Technology (GSRT) in the scope of measure 3.3 of the information society programme (ΠΡΟΓΡΑΜΜΑ ΚΟΙΝΩΝΙΑ ΤΗΣ ΠΛΗΡΟΦΟΡΙΑΣ, ΜΕΤΡΟ 3.3), which emphasizes on the broader research area of Audio, Video and Language Processing. The total GSRT contribution for the project amounts to 311.526E (with 110.104E being the GSRT contribution to AIT). The main research focus is on novel middleware mechanisms for dynamic extraction of high-level meta-data based on real-time processing of audio and visual streams. These mechanisms will be demonstrated in the scope of context-aware surveillance and meeting support applications. A core element of the above mechanisms and applications will be AIT's background on A/V processing algorithms for face detection and tracking, person tracking, person identification, object tracking, acoustic localization, speech activity detection, which have been developed by the Autonomic and Grid Computing Group of the AIT. More information on these innovative technologies is available at: <http://www.ait.edu.gr/research/RG1/systems.asp> and publications therein.

The principal investigator for PRIAMOS is Dr. John Soldatos, Associate Professor at AIT (http://www.ait.edu.gr/faculty/J_Soldatos.asp).

AIT SPONSORSHIP PROGRAMS



Golden Mentors Program

Athens Information Technology aims to adapt a new approach for the grant of high services of postgraduate education to the top students of Greece and abroad. For this purpose it creates a new program of corporate intellectual mentors (Golden Mentors), which with their actions and their contribution to the Greek and the international market, constitute an example and inspiration for talented young persons.

These corporate intellectual mentors, beyond their advisory and economic contribution to the realisation of these students' goals, may also give them direction for their growth and be aware of future academic and educational needs, thus providing opportunities to the next generation to achieve their goals and to improve the human resource pool available to the Golden Mentors.



Golden Sun Summer School Program

This Golden Sun Summer School Program's purpose is to provide opportunities to their staff, staff's children, Greek and international students to understand the direction of their talents, future studies or carriers through AIT's Summer School Programs and be a part of our next generation's future.



AIT Executive Education Sponsorship Programs

Sponsorship Programs for seminars co-organised with Harvard University and AIT and other specific Sponsorship Programs for all Executive Education Seminars organised by AIT.



AIT professor joins Greece's list of National Representatives / Experts for FP7

The General Secretariat of Research and Technology of Greece has recently announced the list of National Representatives / Experts named for the European Union's 7th Framework Program (FP7) for the funding of research and technological development in Europe, over the period 2007-2013.

The list consists of several Program Committees corresponding to FP7's different Specific Programs.

Professor K.Papadias has been named an expert in the Specific Program IDEAS which targets Frontier Research.

More information may be found at: http://www.gsrt.gr/default.asp?V_ITEM_ID=4780

AIT Professor appointed, Associated Editor of highly reputable IEEE/OSA scientific journal

Prof. Ioannis Tomkos was appointed Associate Editor of the IEEE/OSA Journal of Lightwave Technology (JLT - jlt.osa.org - <http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=50>), the top scientific publication in the field of optical communications. He will cover the thematic area related with Networks & Switching.

This high impact factor journal is sponsored jointly by two leading professional societies: The Institute of Electrical and Electronics Engineers, Inc (IEEE) and the Optical Society of America (OSA). The IEEE/OSA Journal of Lightwave Technology includes contributions covering work on all aspects of optical guided-wave science, technology, and engineering.

Published manuscripts report original theoretical and/or experimental results that advance the technological base.

Topics of interest include the following: fiber and cable technologies, active and passive components, integrated optics/optoelectronics, systems & subsystems, networks & switching, new applications, unique field trials.

System-oriented manuscripts are concerned with systems that perform a function not previously available, out-perform previously established systems, or represent enhancements in the state-of-the-art in general.

Professional activities

- ❖ Prof. I. Tomkos was invited to serve as a member of the Technical Program Organizing Committee for the "Photonics in Switching" 2007 Conference.
- ❖ Dr. N. Komninos will serve as a Member of the Technical Program Committee for the 6th Annual Mediterranean Ad Hoc Networking Workshop (Med-Hoc-Net) June 13-15, 2007.
- ❖ Prof. I. Tomkos was invited to serve as a member of the Technical Program Organizing Committee for the CHINACOM 2007 Conference.
- ❖ Prof. I. Tomkos was invited to serve as a member of the Technical Program Organizing Committee for the European Conference on Optical Communications ECOC 2007 (subcommittee on "Core and backbone networks"). This conference is the largest in Europe in the field of Optical Communications.
- ❖ Prof. I. Tomkos and Prof. Anna Tzanakaki of AIT together with Prof. Josep Solé-Pareta and Dr. Davide Careglio of Universitat Politècnica de Catalunya will serve as guest editors for the special issue on "Challenges and Opportunities in Advanced Optical Networking" of the Elsevier "Computer Networks" Journal (see attached call for papers)

Papers published in international scientific journals/books

- S. Ponis, K. Tsitsirigos, I. Tatsiopoulou, I.T. Christou (AIT), "Integrating ERP Vendor Evaluation into a Proposed ERP Selection Methodology", International Journal of Supply Chain Management was published in, December, 2006.
- T. Christou (AIT), S. Efremidis(AIT), T. Tiropanis(AIT), A. Kalis (AIT), "Grid-based Virtual Laboratory Experiments for a Graduate Course on Sensor Networks", IEEE Transactions on Education, to be published in February, 2007.
- N. Komninou(AIT) "A Transport Layer Security Protocol for Hybrid Networks" will appear as a Chapter in the forthcoming Book, New Research on Wireless Communications, by Nova Science was published in May 2006.
- N. Komninou (AIT), D. Vergados and C. Douligieris "A Two-Step Authentication Framework for Mobile Ad Hoc Networks" will appear in the Special Issue on Communications and Information Security for the China Communications Journal in 2007.
- N. Komninou (AIT), D. Vergados and C. Douligieris "Authentication in a Layered Security Approach for Mobile Ad Hoc Networks" was accepted for publication in the Computers & Security Journal, Elsevier.
- N. Komninou (AIT), D. Vergados and C. Douligieris "Multifold Authentication in Mobile Ad-Hoc Networks" was accepted for publication in the International Journal of Communication Systems, Wiley Inter-Science.
- I T. Christou (AIT), A. G. Lagodimos, D. Lycopoulou, "Hierarchical Production Planning for Multi-product Lines in the Beverage Industry", Journal of Production Planning and Control. was published in March 2006.
- G. Markidis, S. Sygletos, A. Tzanakaki and I. Tomkos "Impairment Constraint Based routing in Optical Networks Employing 2R Regeneration", was accepted for publication in IEEE Photonics Technology Letters, 2007.

Presentations at international scientific conferences/workshops

- ✓ T. Christou (AIT) and S. J. Potamianos, "A Distributed Planning and Control Management Information System for Multi-site Organizations", Proceedings of The International Joint Conference on Computer and Information Systems Science and Engineering, CISSE2006, December, 4-14, 2006.
- ✓ G. Kanellos, D. Klonidis (AIT), N. Pleros, P. Zakyntinos, D. Apostolopoulos, I. Tomkos, H. Avramopoulos, A. Poustie and G. Maxwell "Cascaded Operation of a 2R Burst-Mode Regenerator with Recirculating Data Exhibiting 6 dB Power Variation", was accepted for presentation at the Optical Fiber Communications Conference, OFC 2007, Anaheim, USA.
- ✓ S. Koutsoutos, I T. Christou (AIT), S. Efremidis (AIT), "An Intrusion Detection System for Network-Initiated Attacks Using a Hybrid Neural Network", Proceedings IFP Conference on Artificial Intelligence Applications and Innovations 2006, June 2006, Athens, Greece.
- ✓ Pieri, T. Tiropanis (AIT), I. T. Christou (AIT), S. Tsekeridou (AIT), B. Vassiliadis, "Application of Virtual Scientific Experiment Model in Different Educational Contexts", e-challenges October, 2006, Barcelona, Spain.



Presentations at international scientific conferences/workshops (cont)

- ✓ M. Spyropoulou, S. Sygletos and I. Tomkos (AIT "Study of a Multi-Wavelength Regenerative Subsystem Based on Quantum Dot Semiconductor Optical Amplifiers at 40Gbps", was accepted for presentation at the Optical Fiber Communications Conference, OFC 2007, JWA37, Anaheim, USA.
- ✓ Kalis (AIT), A. Kanatas and C. B. Papadias (AIT) "An ESPAR Antenna for Beam-space-MIMO Systems Using PSK Modulation Schemes," was accepted for publication at the IEEE International Conference on Communications (ICC 2007) that will be held at Glasgow, UK, June 24-27, 2007.
- ✓ Prof. I. Tomkos (AIT) presented a talk on "A BReATH Project Case Study: WiMax Network Deployment in Greece" at the BReATH workshop on "promoting broadband in NMS EU countries", Geneva, December 2006.
- ✓ Prof. C. B. Papadias (AIT) co-presented (with Dr. H. Huang) a full-day tutorial entitled "System-level MIMO: Theory and Applications," at the 2006 IEEE Globecom Conference which was held in San Francisco, November, 27 - December, 1, 2006.
- ✓ Prof. I. Tomkos was invited to talk at the International Conference on Transparent Optical Networks, ICTON 2007

Other

- ✚ Tomkos, "Public Private Partnerships in the ICT Sector", Technology Column, Business Partners Magazine, 2007.
- ✚ Prof. C. B. Papadias gave a short course entitled "Multiple Antenna Techniques for Wireless Systems," at Aalborg University, Aalborg, Denmark, December. 16-17, 2006.
- ✚ I. Tomkos, "Techno-Economic Value Analysis Studies for Broadband Networks and Services", InfoCom Magazine, 2007 (in Greek).

BRIEF NEWS

HOL's collaboration with AIT resulted in great success

A team led by Prof. Ioannis Tomkos of AIT and HOL signed a contract with Information Society S.A. The project is on the deployment of broadband networks and services in underserved Greek territories and the total budget is 88,7MEuros, while the level of subsidization is up to 50%. AIT's team, in collaboration with HOL, was responsible for the preparation of the technoeconomic study that served as the basis for the justification of the business plan that was submitted to Information Society S.A. The Managing Director of Hellas OnLine, Mr. Stefanos Loukakos, stated: "The fact that Hellas OnLine, within the framework of an Information Society S.A. project has undertaken the exploitation of development of broadband networks in the majority of the Greek regions targeting the increase of broadband penetration in underserved areas, constitutes a major success for the company during 2006 and a real proof for the progress which has lately experienced. AIT's participation to this project has been very crucial. AIT's group has worked intensively, with a high sense of professionalism under conditions of complex requirements, proving effectively that, work being carried out at AIT is equivalent to that of the best educational and research institutions worldwide. AIT's contribution to this project clearly demonstrates that, this Institution fulfils what is probably the most important requirement for the success of every educational institute in the modern world: its ability to satisfy the needs of companies and achieving the connection with the industry and the market.

Photonics 21 Strategic Research Agenda

AIT's, Prof. Ioannis Tomkos, participates in the Photonics 21 Technology Platform that prepared Europe's first photonics research agenda. The "Photonics21 Strategic Research Agenda: Towards a Bright Future for Europe" has been finalized and publicly announced (see <http://www.epicassoc.com/index.html> for a copy). The 160-page agenda was developed by the Photonics21 industry group. This body includes more than 350 experts from 27 countries, 120 research centres and companies.



INTRACOM TELECOM signed new contracts with MoldTelecom in Moldavia, with T-HT Croatian Telecom Inc, and POLKOMTEL (PlusGSM, Mobile Telecommunications Company in Poland).

INTRAKAT & INTRACOM TELECOM undertook in joint venture the construction of the telecommunication system of natural gas transmission system for the Public Gas Corporation of Greece (DEPA). The total budget of the project amounts to € 3.17 mil.

INTRALOT acquired a majority stake in the Argentinean technology company Techno Accion, a firm with a significant presence in the local market through 7,500 terminals in 10 states throughout Argentina.

Through this acquisition, INTRALOT further strengthens its position in Latin America, where it already has a presence in Chile, Peru and Colombia.

In the beginning of the new year, INTRALOT was rendered as the most important international sports betting house in Italy and the second most important overall amongst the companies that participated based on the characteristics of the tender. Specifically, INTRALOT acquired 416 licenses for the large exclusive sports betting points of sale ("POS"), 164 licenses for non-exclusive POS (corners or shop-in-shops) and 9 licenses for exclusive horse race betting POS. Finally, licenses to distribute sports and horse racing through the Internet were also obtained.

Mr. Socrates P. Kokkalis, Chairman & CEO of **INTRACOM HOLDINGS Group**, was the only Greek businessman who participated as a speaker at the Regional World Economic Forum, in Istanbul. Mr. Kokkalis spoke on the increase of foreign investment in Turkey, due to its political stability, better business environment, as well as the transparent procedures of privatization. "Turkey can become a valuable platform for the development of its neighboring countries' activities", stated Mr. Kokkalis.

Following an international tender issued by NATO, **INTRACOM DEFENSE ELECTRONICS** signed a contract with NAMS (NATO Maintenance and Supply agency), for the support of the PATRIOT air defense systems in Europe and, a contract with NORTHROP GRUMMAN for the production of electronic modules V9 version of APG-68 Radar for the F-16 Block 52+ aircraft supplied to the Hellenic Air Force.

JSC COMSTAR, the leading provider of integrated telecommunications services in Russia and the CIS, which is controlled by AFK SISTEMA, and INTRACOM HOLDINGS announced that they have reached an agreement for Comstar to subscribe to a 51% stake in Hellas On Line SA (HoL) for a cash consideration of € 47.9 million.

INTRACOM IT SERVICES, as the project coordinator and with a 70% participation in the consortium with SIEMENS SA, have been awarded by the Hellenic Post (ELTA) a contract for the automation of their postal exchange offices. -- A contract for the extension in 2007 of the Electronic Proposal Submission System has been re-awarded, following an international tender to **INTRASOFT** International.

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