

Curriculum Vitae

Dimitri Konstantas

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BIOGRAPHICAL INFORMATION:

Born in Ioannina, Greece, October 17th, 1958

Citizenship: Swiss, Greek

Marital Status: Married, 2 children

Languages : fluent in : English, French, Greek

RESEARCH INTERESTS

Wireless and Mobile Services for the Elderly, m-Health & Well-Being Applications and Services, Electronic Commerce for multimedia intangible goods, Business Applications.

CURRENT POSITIONS

University of Geneva

Since October 2002 Full Professor at the University of Geneva, Faculty of SES, Department of Business studies, Institute of Services Science, CUI.

Since July 2007 vice-Dean of the faculty of Social Sciences and Economics of the University of Geneva

Since July 2007 President of the following commissions of the Faculty of SES : Research commission, Informatics Commission, Library Commission

Since October 2008 member of the Scientific commission of the following Continuous education programs

- *Management et technologie des systèmes d'information (MATIS)*
- *Gestion des politiques de sécurité urbaine*

Since January 2011 Director of the *Sécurité d'Information* Continuous Education Program

Academic Related

Since 2000 Member of the IFIP WG 6.11 Communication Aspects of the E-World - Communication Systems

Since 2006 Founding member and Deputy Chair of the ERCIM e-Mobility WG

Since July 2008 Member of the board of the SWITCH foundation, representing the University of Geneva

Since October 2008, founding member and member of the ICREST Institute (Sofia, Bulgaria)

PAST ACADEMIC POSITIONS

March 2004-June 2005 : Part time professor at the University of Twente, Faculty of Informatics, responsible for the development of the mobile-health platform

March 2001 -March 2004: Professor, chair of the APS (Applications Protocols and Systems) group at the University of Twente, Faculty of Informatics.

December 1993 to July 2001: *Maître d'Enseignement et de Recherche* (Assistant Professor), research director of the OSG group, at the University of Geneva, Faculty of Social and Economic Sciences (SES).

March 1987 to November 1993: *Assistant Doctorant* at the University of Geneva, Faculty of Social and Economic Sciences (SES).

March 1985 to March 1987: Researcher, Institute of Computer Science, FORTH, Greece.

Oct. 1983 to May 1985: Research Assistant at the National Defense Research Centre.

PAST INDUSTRIAL POSITIONS

April 2001 -September 2004 : Co-Founder and research director of the Geneva based company PebbleAge S.A.

March 2003 – April 2006 : advisor and scientific project manager of the Ericsson (Sweden) mobile-health platform development & commercialization

March 1988 – March 2001 : Founder and Managing director of the Luxembourg based company D-Tech SA.

UNIVERSITY EDUCATION

Ph.D. (Computer Science) University of Geneva, May 1993. “Cell: *A Framework for a Strongly Distributed Object Based System*”

M.Sc., (Computer Science) Univ. of Toronto, January 1983. “The *Virtual Time CSMA: A Study*”

Engineering Diploma, (Electronic Engineering) National Technical University of Athens, October 1981.

OTHER PAST AND PRESENT RESEARCH RELATED ACTIVITIES

- PC chair for the Interop-ESA'05, First International Conference on Interoperability of Enterprise Software and Applications, 21-25 February 2005, Geneva, Switzerland
- Conference chair for the 9th International Conference on Object Oriented Information Systems, held in Geneva in September 2003
- Chairman of the Hawaii International Conference on Systems Sciences (HICSS) Minitrack “Trading of Intangible Goods” (HICSS-34, HICSS-35)

- Past and present program committee member of many conferences IFIP - I3E (e-Commerce, e-Business, e-Government) conference, Ambient, PROMS, SAINT, HEALTHINF, ICISOFT, ruSMART, CLOSER etc
- International Scientific Advisory Committee member of
 - International workshop on INTELLIGENT WEARABLE SYSTEMS FOR eHEALTH: A REVOLUTION IN HEALTH AND LIFE STYLE MANAGEMENT? (2003)
 - 2nd International Workshop on Personal Health Management Systems entitled Personalised Health: The integration of innovative Sensing, Textile, Information and Communication Technologies - 2004
- Expert evaluator for the Natural Sciences and Engineering Research Council of Canada (NSERC).
- Expert Evaluator for the EU 6th -7th FP

AWARDS

Best paper Award of the HICSS33 (January 2000) Software Technology Track paper, “Trading of Intangible Goods: the Rules of the Game”.

OVERVIEW OF RESEARCH PROJECTS (since 2007)

(the indicated amounts are the funding of the University of Geneva)

EU Project No 215839 “*PlayMancer*” (University of Geneva, 2007-2010) (458.000 CHF)

OFFT CTI-Project no. 8643.2 PFES-ES “*Geo-Tags: Trusted Geo-Spatial Tags*” (University of Geneva, 2007-2009) (120.000 CHF)

SER Action COST IC0703, SER project No. C08.0025 “*Monitoring and Analysis of wireless networks for a QoS-Prediction Service design and development*” (University of Geneva, 2008-2011) (180.000 CHF)

EU AAL project TRAINUTRI, “*Training and Nutrition Senior Social Platform*”, (University of Geneva, 2010-2012) (797.000 CHF)

EU AAL project WayFiS, “*Way Finding Seniors*”, (University of Geneva, 2011-2013) (541.000 CHF)

EU AAL project MyGuardian, (University of Geneva, 2012-2015) (256.000 CHF)

EU AAL project Virgilius, (University of Geneva, 2012-2014) (404.000 CHF)

EU AAL project CaMeLi (scientific Coordinator) (University of Geneva, 2013-2015) (515.000 CHF)

EU AAL project EDLAH (University of Geneva, 2013-2015) (517.000 CHF)

EU AAL project CogniWin (Project Coordinator) (University of Geneva, 2014-2017) (537.000 CHF)

EU AAL project ANIMATE (University of Geneva, 2014-2017) (574.000 CHF)

EU AAL project StayActive (University of Geneva, 2014-2017) (482.000 CHF)

EU FP7 project Miraculous Life (University of Geneva, 2013-2016) (433.000 EUR)

DESCRIPTION OF MOST RECENT RESEARCH PROJECTS

The aim of the **TRAINing and NUTRItion Senior Social Platform** project is to raise consciousness about self wellness, enabling the exchange of knowledge related to physical and nutritional healthy habits. The project will help people (seniors between 50 and 65 years from

both sex) to develop healthy habits (keeping them physically active and actively involved into their health maintenance) and will enable people to share and exchange healthy habits related activities, experiences and knowledge allowing them to keep and enrich their social relationships while they age in their preferred environments.

The **PlayMancer: A European Serious Gaming 3D Environment** project is a Games for Health research project aiming at implementing a framework and a platform for serious games by augmenting existing 3D gaming engines. The target of PlayMancer is to evaluate the development and evaluate a series of serious games modules as applied to two application domains: physical rehabilitation, and therapeutic support and lifestyle management programs for behavioral and addictive disorders.

The **Monitoring and Analysis of wireless networks for a QoS-Prediction Service design and development** project is part of the COST action TMA, targeting the study of network characteristics with traffic monitoring and analysis. Towards this direction, we are working on the definition of Traffic Monitoring and Analysis techniques and tools in heterogeneous networking environment towards the design and development of a QoS-prediction service. Our proposed solution constitutes a collaborative service between mobile users, who share their application-level QoS information to enrich the QoS-Predictions Service. Therefore the proposed solution neither requires nor it is based on any internal knowledge of infrastructures of wireless network operators.

The **Geo-Tags** project is a technology transfer project. Spatial messaging allows a user to publish a geo-referenced note so that any other user that arrives at the specific location can get the message. Spatial messaging is in this sense a kind of blog linked to a specific time and space location. However the implementation of reliable services based on user defined geo-spatial information, requires the development of tools for the definition of the confidence rate the users should give to the posted information. This project targets in the development of a platform integrating a trust engine for geo-spatial messaging services and applications.

MobiHealth targeted the introduction of new mobile value added services in the area of health, based on 2.5 and 3 G technologies. This was done with the integration of sensors and actuators, to a wireless Body Area Network. These sensors and actuators are continuously measure and transmit vital constants along with audio and video to health service providers and brokers, improving from one side the quality of life of patients and allowing, from the other side, the introduction of new value added services in the areas of health prevention, disease diagnosis, remote assistance, clinical research, para-health services, physical state monitoring (sports) and even clinical research. Furthermore the MobiHealth BAN system supports the fast and reliable application of remote assistance in case of accidents, by allowing the paramedics to send reliable vital constants data as well as audio and video from the accident site. The results of the MobiHealth project were taken over for commercial validation by the eTen project **HealthCare24**, where the main partners of the MobiHealth project will run a series of trials to validate the developed system. A commercial version of the system will become available at the end of the HealthService24 project.

The four AAL projects, **TRAINUTRI**, **WayFiS**, **MyGuardian**, **Virgilius**, **CaMeLi** and **CogniWin** aim to create better condition of life for the older adults and to strengthen the industrial opportunities in Europe through the use of information and communication technology (ICT). Each of the projects targets a specific domain, and namely, **TRAINUTRI** aims to raise consciousness about self wellness, enabling the exchange of knowledge related to physical and nutritional healthy habits; **WayFiS** will allow seniors to overcome barriers and difficulties that often limit their possibility of feeling healthy-well and safe and that severely compromise their indoor and outdoor mobility; **MyGuardian** aim to facilitate safe and secure

mobility of seniors with mild cognitive impairments while preserving their autonomy and dignity; and **Virgilious** is to provide a seamless transnational out- and indoor location and navigation service to elders, integrated with a set of a value added services centred on the person, with the aim to support his/her well-being while on the move; **CogniWin** aims to provide an answer to the challenges that face older adults at work, due to cognitive degradations, by providing an innovative personalized system motivating them to stay for longer active and productive in computerized working environments by supporting them to maintain or even increase their efficiency and effectiveness at work; **CaMeLi** aims to provide a system that simulates the way the elder was used, or would like, to interact, collaborate and dialogue, with a human life partner, understanding his emotions and assisting him/her in carrying out daily life activities at home, expressing emotions that will motivate the elder to act; **Miraculous Life** aims to design, develop and evaluate an innovative user-centric technological solution, the Virtual Support Partner (VSP), attending to the elder (65+) daily activity and safety needs, while the elder goes about his normal daily life. The VSP will provide implicit daily activities support which is based on behaviour and emotional understanding and appropriate respond exhibiting distinctive emotions, deliver in a human like way simulating in essence the interaction with a real life partner.

PAST RESEARCH PROJECTS

ESPRIT Project No 82 *IWS - Intelligent Workstation*. (FORTH - 1985-1987)

ESPRIT Project No 28 *MULTOS -Multimedia Office Filling System*. (FORTH - 1985-1987)

ESPRIT Project No 2121 *ITHACA - Integrated Toolkit for Highly Advanced Computer Applications* (CUI - 1989-1992)

ESPRIT Project No 2705 *ITHACA-2 - Integrated Toolkit for Highly Advanced Computer Applications* (CUI - 1992-1993)

ESPRIT Project No 6343 *ITHACA-IT - Integrated Toolkit for Highly Advanced Computer Applications* (CUI - 1993-1994)

SPP IF Project CHASSIS, *Configurable, Heterogeneous, And Safe, Secure Information Systems* (CUI 1994-1995)

ESPRIT Project No 9601 *SHIPS Software* (CUI - 1993 - 1995)

ACTS Project No. AC089 *DVP - Distributed Video Production* (CUI - 1995 - 1998)

SPP IF Project MEDIA - *Mobile Electronic Documents with Interacting Agents* (CUI - 1995 - 2000)

Swiss FNRS project “*Secure Mobile Object Systems*” (CUI - 1998 - 2000)

SPP-ElCom project “*SmartPay*” - Smart Card Electronic payment systems (CUI - 1998 - 2000)

Private project between CUI and ABA - “*Multimedia access to Braille library of ABA*” (CUI - 1999 - 2001)

Swiss FNRS project “*Programming Paradigms for the Internet*” (CUI - 2000 - 2002)

SPP-ICS project “*StreamCom*” - Commercialization of Streamed Information (CUI - 2000 - 2002)

EU IST project No. IST-1999-10092 “*Dilemma*” (CUI - 2000 - 2002)

EU IST project No. IST-2000-31050 “*Agent Academy*” (University of Twente - 2001 - 2004)

EU IST project No. IST-2001-36006 “*MobiHealth*” (University of Twente - 2002 - 2004)

EU IST project No IST-2001-36059 “*xMotion*” (University of Twente - 2002 - 2003)

EU eTen Project No C517352 “*HealthService 24*” (University of Twente - 2005 - 2006)

Publications – Dimitri Konstantas

JOURNALS

1. Ana B. Fagundo, Juan J. Santamaría, Laura Forcano, Cristina Giner-Bartolomé, Susana Jiménez-Murcia, Isabel Sánchez, Roser Granero, Maher Ben-Moussa, Nadia Magnenat-Thalmann, Dimitri Konstantas, Tony Lam, Mikkel Lucas, Jeppe Nielsen, Richard G. A. Bults, Salomé Tarrega, José M. Menchón, Rafael de la Torre, Valentina Cardi, Janet Treasure and Fernando Fernández-Aranda, *Video Game Therapy for Emotional Regulation and Impulsivity Control in a Series of Treated Cases with Bulimia Nervosa*, *European Eating Disorders Review*, Special Issue: Brain-Directed Treatments in Eating Disorders, Volume 21, Issue 6, pages 493–499, November 2013
2. Laurence Claes, Susana Jiménez-Murcia, Juan J. Santamaría, Maher B. Moussa, Isabel Sánchez, Laura Forcano, Nadia Magnenat-Thalmann, Dimitri Konstantas, Mikkel L. Overby, Jeppe Nielsen, Richard G. A. Bults, Roser Granero, Tony Lam, Elias Kalapanidas, Janet Treasure and Fernando Fernández-Aranda, *The Facial and Subjective Emotional Reaction in Response to a Video Game Designed to Train Emotional Regulation (Playmancer)* *European Eating Disorders Review*, Vol. 20 Issue 6, Special Issue: Emotions in Eating Disorders, November 2012, (pages 484–489)
3. Fernando Fernández-Aranda, Susana Jiménez-Murcia, Juan J. Santamaría, Katarina Gunnard, Antonio Soto, Elias Kalapanidas, Richard G. Bults, Costas Davarakis, Dimitri Konstantas, Tony Lam, Mikkel Lucas, Cristina Masuet-Augmantell, Maher H Moussa, Jeppe Nielsen, Theodoros P. Kostoulas, “Video Games as a complementatary Therapy Tool in Mental Disorders: PlayMancer a European Multicenter Study”, *Journal of Mental Health* Aug 2012, Vol. 21, No. 4: 364–374.
4. Susana Jimenez-Murcia, Fernando Fernandez-Aranda, Elias Kalapanidas, Dimitri Konstantas, Todor Ganchev, Otilia Kocsis, Tony Lam, Juan J. Santamar, Thierry Raguin, Christian Breiteneder, Hannes Kaufmann, and Costas Davarakis, "PlayMancer Project: A Serious Videogame as an Additional Therapy Tool for Eating and Impulse Control Disorders", *CyberPsychology and Behavior Journal*, Volume 12, Number 5, 2009 (Also presented in the 14th. Annual Cybertherapy & Cyberpsychology Conference, Verbania-Intra, Italy, June 2009).
5. Davarakis, Costas; Fernandez-Aranda, Fernando; Jimenez-Murcia, Susana; Kocsis, Otilia; Ganchev, Todor; Kaufmann, Hannes; Lam, Tony; Konstantas, Dimitri, “PlayMancer: Games for Health with Accessibility in Mind”, *Communications & Strategies Journal*, no. 73, January 2009.
6. Giovanna Di Marzo Serugendo, Alfredo A. Villalba Castro and Dimitri Konstantas, *Hovering Information in Works in Progress – Activity Based Computing*, *IEEE Pervasive Computing Journal*, April-June 2008. (Communication – short presentation – 2 pages)
7. Val Jones, Aart van Halteren, Dimitri Konstantas, Ing Widya, Richard Bults, “An application of augmented MDA for the extended healthcare enterprise”, *International Journal of Business Process Integration and Management*, Vol 2, No 3, October 2007
8. Aart Van Halteren, Richard Bults, Katarzyna Wac, Dimitri Konstantas, Ing Widya, Nicolai Dokovsky, George Koprinkov, Val Jones, Rainer Herzog, "Mobile Patient Monitoring: the MobiHealth System", in *Journal on Information Technology in Healthcare*, (vol.2 2004) (Also presented in the ICMCC conference, June 2004, the Hague).
9. Dimitri Konstantas and Jean-Henry Morin, “Agent-Based Commercial Dissemination of Electronic Information”, *Computer networks*, No 32 (2000), pp. 753-765, Elsevier Science
10. Jean-Henry Morin and Dimitri Konstantas, “Commercialization of Electronic Informa-tion”, *Journal of End User Computing*, Vol. 12, No. 2, April-June 2000
11. Dimitri Konstantas, Ruggero Milanese, Alain Jacot-Descombes, Thierry Pun, “Distributed Video Production: Distributed Musical Rehearsal and Distributed Video Editing and

- Retrieval”, Comtec - the magazine for telecommunications technology, February 2000, pp 30-37, Swisscom.
12. Dimitri Konstantas, Yann Orlarey, Olivier Carbonel and Simon Gibbs, “The Distributed Musical Rehearsal Environment”, in IEEE Multimedia Journal, Vol. 6, No 3, July-September 1999.
 13. Constantin Arapis, Dimitri Konstantas and Dennis Thichritzis, “Telelectures over Inter-net”, Informatique, Reveu des organizations suisses d’informatique, Nr. 6, Dec. 1998.
 14. P.Constantopoulos, S.Gibbs, D.Konstantas, M.Theodoridou, Y.Vassiliou, Y.Yeorga-roudakis, “MUSE: A Multimedia Document System”, IEEE Office Knowledge Engineer-ing Journal, Vol.1 No.1, February 1987.
 15. Gibbs S., Tschritzis D., Fitas A., Konstantas D., and Yeorgaroudakis J. “Muse: A Multi-media Filing System”, IEEE Software Journal, Vol.4 No.2, March 1987.
 16. Dimitri Konstantas, “Audio Data Handling”, Speech Technology, Vol.3, No.1, Aug./Sept. 1985.

BOOKS

17. Dimitri Konstantas, Michel Leonard, Yves Pigneur, Shusma Patel (editors), Proceedings of the 9th International Conference on Object Oriented Information Systems, Geneva, September 2003, Lecture Notes on Computer Sciences No. 2817, Springer 2003
18. Dimitri Konstantas, Jean-Paul Bourrieres, Michel Leonard, Nacer Boudjlida, (eds), Proceedings of the 1st Interoperability of Enterprise Software and Applications conference, I-ESA’05, Springer, 2005, ISBN 1 84628 151 1
19. Marc Brogle, Geert Heijenck, Torsten Braun, Dimitri Konstantas, Proceedings of the Third ERCIM Workhop on eMobility, University of Twente, Enschede, The Netherlands, May 27 - 28, 2009, ISBN 978-90-365-2846-7

BOOK CHAPTERS

20. Katarzyna Wac, Melanie Hilario, Bert-Jan van Beijnum, Richard Bults, Dimitri Konstantas, “Quality of Service Predictions Service: QoS Support for Proactive Mobile Applications and Services”, in Wireless Network Traffic and Quality of Service Support: Trends and Standards, Thomas Lagkas, Pantelis Angelidis and Loukas Georgiadis (ed), IGI Global, ISBN 978-1-61520-771-8, 2010
21. Katarzyna Wac, Bert-Jan van Beijnum, Richard Bults, Dimitri Konstantas, and Hong Chen, “Toward Mobile Web 2.0-based business methods: Collaborative QoS-information Sharing for Mobile Service Users”, in “Mobile and Ubiquitous Commerce: Advanced E-Business Methods: Volume 4 of Advances in Electronic Business Series” IGI Global, May 2009, ISBN13: 9781605663661
22. Dimitri Konstantas, An Overview of Wearable and Implantable Medical Sensors in the IMIA Yearbook of Medical Informatics 2007, Geissbuhler A, Haux R, Kulikowski C, editors, IMIA and Schattauer GmbH
23. Val Jones, Aart van Halteren, Ing Widya, Nikolai Dokovsky, George Koprinkov, Richard Bults, Dimitri Konstantas and Rainer Herzog, “MobiHealth: Mobile Health Services based on Body Area Networks”, in M-Health: Emerging Mobile Health Systems, Robert H. Istepanian, Swamy Laxminarayan, Constantinos S. Pattichis, Editors, Springer 2006, (pp.219-36) 624 p. ISBN: 0-387-26558-9. (ch.16) (also published as University of Twente CTIT technical report No 06-37, ISSN 1381-3625)
24. Val Jones, Aart van Halteren, Nikolai Dokovsky, George Koprinkov, Jan Peuscher, Richard Bults, Dimitri Konstantas, Ing Widya and Rainer Herzog, “MobiHealth: Mobile Services for Health Professionals”, in M-Health: Emerging Mobile Health Systems, Robert H. Istepanian, Swamy Laxminarayan, Constantinos S. Pattichis, Editors, Springer 2006, pp.237-46. 624 p. ISBN: 0-387-26558-9. (ch.17) (also published as University of Twente CTIT technical report No 06-38, ISSN 1381-3625)

25. Ing Widya, Peter Vierhout, Val M. Jones, Richard Bults, Aart van Halteren, Jan Peuscher, and Dimitri Konstantas, "Telematic Requirements for Emergency and Disaster Response de-ri-ved from Enterprise Models", in *M-Health: Emerging Mobile Health Systems*, Robert H. Istepanian, Swamy Laxminarayan, Constantinos S. Pattichis, Editors, Springer 2006, pp.531-48. 624 p. ISBN: 0-387-26558-9.(ch.41)
26. Val Jones, Nadav Shashar, Oded Ben Shaphrut, Kevin Lavigne, Rienk Rienks, Richard Bults, Dimitri Konstantas, Pieter Vierhout, Jan Peuscher, Aart van Halteren, Rainer Her-zog and Ing Widya, "Remote Monitoring for Healthcare and for Safety in Extreme Environ-ments", in *M-Health: Emerging Mobile Health Systems*, Robert H. Istepanian, Swamy Laxminarayan, Constantinos S. Pattichis, Editors, Springer 2006, pp.561-74. 624 p. ISBN: 0-387-26558-9 (ch.43) (also published as University of Twente CTIT technical report No 06-40, ISSN 1381-3625)
27. van Halteren, R.G.A. Bults, I.A. Widya, V.M. Jones, D.M. Konstantas, "Mobihealth-Wireless body area networks for healthcare", in "Wearable eHealth Systems for Person-alised Health Management", A. Lymberis and D. de Rossi, Editors, IOS Press, Amsterdam, 2004, 360 pp., ISBN: 1 58603 449 9
28. Van Halteren A., Konstantas D., Bults R. Wac K., Dokovsky N. Koprinkov G., Jones V., Widya I.: *MobiHealth: Ambulant Patient Monitoring Over Next Generation Public Wire-less Networks* In: G. Demiris (Ed.), *e-health: Current Status and Future Trends*, IOS Press, Amsterdam, 2004, ISBN: 1 58603 442 1
29. Dimitri Konstantas, "Interoperation of Object Oriented Applications", chapter 3 in *Object Oriented Software Composition*, Eds. O. Nierstrasz & D. Tshichritzis, Prentice Hall 1995

CONFERENCES

30. Dimitri Konstantas, *La révolution des mobiles*, Colloque international 1ères Journees "e-media", Le futur est-il « e-media » ?, 10-11 mai 2013, Geneve.
31. Pawar, P., van Beijnum, B.J., Wac, K., Hermens, H., Konstantas, D., "Towards Location Based QoS-Aware Network Selection Mechanism for the Nomadic Mobile Services", *IEEE Consumer Communications and Networking Conference, Special Session on Beyond GPS - Where Navigation meets Consumer Communications (CCNC09)*, 10 - 13 January 2009, Las Vegas, Nevada, USA, IEEE Communications Society Press.
32. Elias Kalapanidas, Hikari Watanabe, Costas Davarakis, Hannes Kaufmann, Fernando Fernandez Aranda, Tony Lam, Todor Ganchev and Dimitri Konstantas, *PlayMancer: A European Serious Gaming 3D Environment*, *Proceedings of the 2nd International Workshop on e-health Services and Technologies - EHST 2008 in Conjunction with ICSoft 2008*, Porto-Portugal, July 2008, pp 51-59 ISBN 978-989-8111-56-2
33. Pravin Pawar, Bert-Jan van Beijnum, Hermie Hermens, Dimitri Konstantas, "Analysis of Context-Aware Network Selection Schemes for Power Savings" be presented in the 2008 *IEEE Asia-Pacific Services Computing Conference (IEEE APSCC 2008)*, December 9-12, 2008, Yilan, Taiwan
34. Pravin Pawar, Bert-Jan van Beijnum, Katarzyna Wac, Hermie Hermens, Dimitri Konstantas "Towards Location Based QoS-Aware Network Selection Mechanism for the Nomadic Mobile Services", to be presented in *6th Annual IEEE Consumer Communications & Networking Conference - IEEE CCNC 2009*, 10 - 13 January 2009 in Las Vegas, Nevada
35. Alfredo A. Villalba Castro, Giovanna Di Marzo Serugendo and Dimitri Konstantas, "Hovering Information - Self-Organising Information Using Location-Based Caching Policies", *2nd ERCIM Workshop on eMobility (in conjunction with WWIC 2008)*, May 30, 2008 - Tampere, Finland.
36. Pravin Pawar, Julien Subercaze, Pierre Maret, Bert-Jan van Beijnum, Dimitri Konstantas, "Towards Business Model and Technical Platform for the Service Oriented Context-Aware Mobile Virtual Communities", *13th IEEE Symposium on Computers and Communications, (ISCC'08)*, July 6 - 9, 2008, Marrakech, Morocco

37. Villalba Castro, G. Di Marzo Serugendo, D. Konstantas, "Hovering Information - Self-Organising Information that Finds its Own Storage", accepted and will be presented in the IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing (SUTC'08), Taichung, Taiwan, June 2008
38. Giovanna Di Marzo Serugendo, Alfredo Villalba and Dimitri Konstantas, "Dependability Requirements for Hovering Information", Workshop on Dependable Application Support for Self-Organizing Networks, DSN 2007, The 37th Annual IEEE/IFIP International Conference on Dependable Systems and Networks June 25 - June 28, 2007, Edinburgh International Conference Centre, Edinburgh, UK
39. Dimitri Konstantas, Ric Quarero, Rainer Herzog, "Mobile Health Monitoring: From Ideas to Product", presentation in the The World of Health IT Conference & Exhibition 2006, 10-13 October 2006, Geneva, Switzerland
40. Alfredo Villalba and Dimitri Konstantas, "Towards Hovering Information", Proceedings of the First European Conference on Smart Sensing and Context, EuroSSC 2006, Enschede, Netherlands, October 25-27, 2006, LNCS 4272, Springer Berlin / Heidelberg 2006
41. Katarzyna Wac, Aart van Halteren, Dimitri Konstantas, "QoS-predictions service: infrastructural support for proactive QoS- and context-aware mobile services" (position paper), Second International Workshop on Context-Aware Mobile Systems (CAMS'06), Montpellier, France, Oct 31 - Nov 1, 2006 (In conjunction with OnTheMove Federated Conferences (OTM'06)), LNCS 4278, pp. 1924-1933, Springer Berlin / Heidelberg, 2006, ISBN 978-3-540-48273-4
42. Dimitri Konstantas, Richard Bults, Aart Van Halteren, Katarzyna Wac, Val Jones, Ing Widya, Rainer Herzog, Barbara Streimelweger, "Mobile Health Care: Towards a commercialization of research results", Proceedings of the 1st European Conference on eHealth – ECEH'06, October 12-13, 2006, Fribourg, Switzerland
43. Rainer Herzog, Dimitri Konstantas, Richard Bults, Aart Van Halteren, Katarzyna Wac, Val Jones, Ing Widya, Barbara Streimelweger, "Mobile Patient Monitoring - applications and value propositions for personal health", Proceedings of pHealth 2006, the International Workshop on wearable micro- and nanosystems for personalized Health, Luzern, Switzerland, January 30 - February 1, 2006.
44. Richard Bults, Katarzyna Wac, Aart van Halteren, Victor Nicola, Dimitri Konstantas, "Goodput Analysis of 3G Wireless Networks Supporting m-health Services", proceedings of the 8th International Conference on Telecommunications, ConTEL 2005, Sheraton Zagreb Hotel, Zagreb, Croatia, June 15-17, 2005
45. Wac Katarzyna, Richard Bults, Aart van Halteren, Dimitri Konstantas, Victor Nicola., "Measurements-based performance evaluation of 3G wireless networks supporting m-health services", Proc. 12th Multimedia Computing and Networking (MMCN '05), Jan. 19-20, 2005, San Jose, California, USA
46. Santos, L.O.B.S., Guizzardi-Silva Souza, R., Wagner, G., Sinderen, M.J. van, Ferreira Pires, L., Pereira Filho, J.G., & Konstantas, D." Context-Aware Support for Communities of Practice", proceedings of the 3rd International Semantic Web Conference: Hiroshima, Japan, 2005. (Poster presentation).
47. Katarzyna Wac, Richard Bults, Dimitri Konstantas, Aart Van Halteren, Val Jones, Ing Widya, Rainer Herzog, "Mobile Health Care over 3G Networks: The MobiHealth Pilot System and Service", proceedings of the Global Mobile Congress, GMC'04, Oct. 11-13, 2004, Shanghai, China, Paper no 13 on CF-ROM, published by the Delson Group inc.
48. Dimitri Konstantas, Richard Bults, Aart Van Halteren, Katarzyna Wac, Val Jones, Ing Widya, "MobiHealth: Ambulant Patient Monitoring Over Public Wireless Networks", Pro-ceedings of MEDICON 2004, July 31 - August 5, 2005, Ischia, Naples, Italy, paper no 385 on CD-ROM, ISBN 88-7780-308-8, Ghedimedia, Milano
49. Richard Bults, Katarzyna Wac, Aart Van Halteren, Dimitri Konstantas, Val Jones, Ing Widya, "Body Area Networks for Ambulant Patient Monitoring Over Next Generation Public Wireless Networks", proceedings of the 13thIST Mobile & Wireless Communica-tions Summit 2004, Lyon, France, 27-30 June 2004.

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51. Widya, A. van Halteren, V. Jones, R. Bults, D. Konstantas, P.A.M. Vierhout and J. Peuscher, "Telematic Requirements for a Mobile and Wireless Healthcare System derived from Enterprise Models" in 7th Int. Conference on Telecommunications ConTEL 2003, Eds. D. Jevtic & M. Mikuc, Zagreb Croatia, Jun. 2003, pp. 527 - 534, ISBN 953-184-056-3 (also published as University of Twente CTIT technical report, No 06-36, ISSN 1381-3625)
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53. Dimitri Konstantas, Val Jones, Rainer Herzog, "MobiHealth - Innovative 2.5/3G mobile services and applications for health care", presented in the IST Mobile & wireless telecommunications Summit 2002, 17-19 June 2002, Thessaloniki, Greece.
54. Dimitris Thanos, Dimitri Konstantas: "Broadcasting Copyrighted Video", Broadcast Engineering World Edition, May 2002 Edition.
55. Dimitri Konstantas, Dimitris Thanos, Alain Coignet, "StreamCom - Dissemination of streamed information", presented in SCSC'02, Swiss Computer Science Conference 2002, 22 February 2002, Zurich Switzerland.
56. Dimitris Thanos and Dimitri Konstantas, "COiN-Video : A Model for the Commercial Dissemination of Video over Open Networks", Proceedings of the IBC 2001 Conference, RAI Amsterdam, 13-18 September 2001.
57. Val Jones, Richard Bults, Dimitri Konstantas, and Pieter A.M. Vierhout, "Healthcare PANs: Personal Area Networks for trauma care and home care", presented in WPMC, the 4th International Symposium on Wireless Personal Multimedia Communications, September 9-12, 2001, Aalborg, Denmark,
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60. Dimitri Konstantas and Jean-Henry Morin, "Trading intangible goods : the rules of the game", Proceedings of HICSS 2000, Hawaii International Conference on System Sciences, January 4-7, 2000, Hawaii, USA (best paper award).
61. Dimitri Konstantas, Jean-Henry Morin, Orly Barziv, Adamantion Koumpis and Christian Kobel, "Active Business Objects (ABOs): A novel paradigm for building and using business information systems", proceedings of EMRPS '99, the Enterprise Management and Resource Planning Systems: Methods, tools and architectures conference, Centro San Salvador, Venice (Italy) , 25-26 November 1999.
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- EC-MAST'98, 3rd European Conference on Multimedia Applications, Services and Techniques, Berlin-Germany, 26 - 28 May 1998.
65. Constantin Arapis, Dimitri Konstantas and Thomi Pilioura, "Design Issues and Alternatives for setting up of Real-time Interactive Telelectures", Proceedings of SAC '98 - The 1998 ACM Symposium on Applied Computing, February 27-March 1, 1998, Marriott Marquis, Atlanta, Georgia, U.S.A.
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 70. Vassilis Prevelakis, Dimitri Konstantas, Jean-Henry Morin, "Issues for the Commercial Distribution of Electronic Documents", in Communications and Multimedia Security, Sokratis Katsikas (Ed.), Vol 3, Chapman & Hall, 1996. Proceedings of the CMS 97, Communications and Multimedia Security Joint Working Conference IFIP TC-6 and IFIP TC-11, 22-23 September, Athens, Greece.
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 72. Jean-Henry Morin and Dimitri Konstantas, "Towards Hypermedia Electronic Publishing", proceedings of the Second IASTED/ISMM International Conference in Distributed Multimedia Systems and Applications, Stanford, CA, August 7-9, 1995.
 73. Oscar Nierstrasz, Dimitri Konstantas, Klaus Dittrich and Dirk Jonscher, "Une Plate-forme pour la Construction de Systèmes d'Information Ouverts," Proceedings of AFCET 93, Versailles, France., 8-10 Juin 1993.
 74. Dimitri Konstantas, "Object Oriented Interoperability," proceedings of the Seventh European Conference on Object Oriented Programming ECOOP 93, Kaiserlautern, Germany, July 26-29 1993.
 75. Dimitri Konstantas, "Hybrid Cell: An Implementation of an Object Based Strongly Distributed System," Proceedings of the International Symposium on Autonomous Decentralized Systems ISADS 93, Kawasaki, Japan, March 30 1993.
 76. Dimitri Konstantas, "Cell: A model for strongly Distributed Object Based Systems," Proceedings of the ECOOP 91 Workshop "Object-Based Concurrent Computing", July 15-19, 1991, Geneva, Switzerland.
 77. Dimitri Konstantas, "Design Issues of a Strongly Distributed Object Based System," Proceedings of 2nd International Workshop on Object-Orientation in Operating Systems (I-WOOS '91), IEEE, Palo-Alto, October 17-18 1991.
 78. Converti A., Martino L., Savino P., Constantopoulos P., Konstantas D., Theodoridou M., Yeorgaroudakis J. Eirund H., Kreplin K., Bertino E., Rabitti F., Thanos C., Fitas A. "Office Document Retrieval in MULTOS (Multimedia Office System)". ESPRIT'86: Results and Achievements (p.563) (Presented in the ESPRIT Technical Week 86)
 79. Mart L.Molle & Dimitri Konstantas, "A Simulation Study of Retransmission Strategies for the Asynchronous Virtual Time CSMA Protocol", Proceedings of Performance '83, 9th International Symposium of Computer Performance Modelling, Measurement and Evaluation, Pages 259-308, May 1983.

TECHNICAL REPORTS (non refereed)

80. Dimitri Konstantas & Jean-Marc Seigneur (editors), "Mobile Quality of Service", 2009, Technical report of the Advanced Systems Group, University of Geneva, November 2009, ISBN 978-2-88903-004-0, Editions SES - Universite de Geneve
81. Dimitri Konstantas & Jean-Marc Seigneur (editors), "Collaborative Location Aware Mobile Services", 2008, Technical report of the Advanced Systems Group, University of Geneva, September 2008, ISBN 978-2-88903-001-9, Editions SES - Universite de Geneve
82. Villalba Castro, G. Di Marzo Serugendo, and D. Konstantas. Hovering information - self-organising information that finds its own storage. Technical Report BBKCS-07-07, School of Computer Science and Information Systems, Birkbeck, University of London, Nov 2007.
83. Dimitri Konstantas (editor), "Mobile Trust", 2007, Technical report of the Advanced Systems Group, University of Geneva, August 2007.
84. Dimitri Konstantas (editor), "From Objects to Mobile Systems and Services", Technical report of the Advanced Systems Group, University of Geneva, July 2006
85. Val Jones, Aart van Halteren, Dimitri Konstantas, Ing Widya, Richard Bults, "An application of Augmented MDA for the extended healthcare enterprise", University of Twente, CTIT Technical Report series, No 06-46, ISSN 1381 -3625, 2006.
86. Dimitri Konstantas Marisa Marotta Chrislain Razafimahefa, "The Design and Implementation of a Comparative Verification Suite for OSF/1", in Object Applications edited by D. Tschritzis, Technical report of the University of Geneva, 1996.
87. Dimitri Konstantas, "Cell : A Framework for a Strongly Distributed Object Based System," Ph.D. Thesis No. 2598, University of Geneva, May 1993.
88. Dimitri Konstantas, "A Dynamically Scalable Distributed Object Oriented System," in Object Management, ed. D. Tschritzis, pp. 245-254, Centre Universitaire d'Informatique, University of Geneva, 1990.
89. Michael Papatomas and Dimitri Konstantas, "Integrating Concurrency and Object-Oriented Programming: An Evaluation of Hybrid," in Object Management, ed. D. Tschritzis, pp. 229-244, Centre Universitaire d'Informatique, University of Geneva, 1990.
90. D. Konstantas, O.M. Nierstrasz and M. Papatomas, "An Implementation of Hybrid," in Active Object Environments, ed. D. Tschritzis, pp. 61-105, Centre Universitaire d'Informatique, University of Geneva, 1988.
91. Dimitri Konstantas, "The Virtual Time CSMA: A Study", (M.Sc. Thesis) Technical Report CSRG-149, Univ. of Toronto, 1983.

INVITED TALKS

- *Advanced Multimedia file systems*, Invited Talk in the *High Technology - Informatics* conference, Greek Air Force, Athens 3-6 Nov. 1986.
- Panelist in *Harmonized Software Development Tools* Panel, ESPRIT Conference 1989, Brussels 27-30 Nov. 1989.
- *The Cell Approach for Strongly Distributed Systems*, Invited Seminar, INRIA, Paris, September 1993
- *Towards HyperMedia Electronic Publishing*, Invited Seminar, FORTH-ICS, Heraklion-Crete, July 1995
- *Agent Based Commercial Electronic Publishing of Documents*, Invited Seminar, EPFL, November 1997
- *Agent Based Commercialization of Electronic Information*, Invited Talk in the *IBM Electronic Commerce Conference*, Zurich, November 1998.

- *Video-conference : state of the art*, Invited Talk in the *Séance de Technologues d' Observatoire Technologique*, Geneva, December 1998.
- *Commercial distribution of electronic documents*, Invited seminar, University of Cyprus, Nicosia, December 1999.
- *Classification of new communication technologies*, invited talk at the Applied Computer Science Department, Institut Supérieur de Technologie, Luxembourg, December 1999
- *Commercialization of electronic Information*, Invited seminar for the postgraduate cours "Informatiksicherheir" at the Fachhochschule Zentralschweiz, Luzern, January 2000.
- *Towards Electronic education : Agent-based commercialization of electronic information*, seminar given to the Computer Science Department of the University of Twente, May 2000
- *Commercialization of Intangible Goods over the Internet using Mobile Agents*, invited speaker at the INFORSID 2001 conference, Congrès Informatique des Organisations et Systèmes d'Information et de Décision, 29 of May to 1st of June 2001, Martigny, Switzerland
- *Appication Systems in Health care*, Invited talk at the CTIT board and Management Team meeting, December 18 2001, Golden Tulip De Broeierd Enschede.
- *Mobile Health Care - The MobiHealth Project*, invited talk at the *Mobile: GPRS en UMTS pilots en voorbeelden*, BTC Twinning Center Twente, 15 of February 2002, Enschede, The Netherlands
- *Mobile Health Care*, Invited talk at the *Mobile Europe 2002* conference, 18-19 March 2002, Bremen, Germany.
- *Mobile Health Care*, Invited talk at the *Zorg en ICT* (Care and ICT) workshop, March 28, 2002, University of Twente, Enschede, The Netherlands
- *Mobile Health Care*, Invited talk at the *Facing changes in Healthcare models: role of Information Technologies* Conference, Parc Cientific de Barcelona, Universitat de Barcelona, April 12, 2002, Barcelona, Spain.
- *Using UMTS in Emergency health care*, Invited talk in *Mobile Solutions 2004* congres and expo, WTC Rotterdam, 16 April 2004
- *M-health services: from academic concept to commercial exploitation*, Invited talk in *Development and successful implementation of E-Health service*, October 6 2005, Enshede, The Netherlands
- *Are m-health services commercially viable?*, Invited talk in the "E-Health: Opportunities and barriers for Successful implementations" symposium, December 13th 2007, Enshede, The Netherlands

MEDIA COVERAGE

- Planet Multimedia, May 27, 2002: Article on the participation of the University of Twente in the IST program referring to the MobiHealth project, http://www.planet.nl/pmm/0,1674,101_1501_952573,00.html
- De Telegraaf (Major Dutch national news paper), August 10, 2002, Overmorgen science addendum. "Draadloos naar de dokter" (wireless to the doctor), extensive article on MobiHealth project.