

# Curriculum Vitae

## Dimitri Konstantas

University of Geneva  
Geneva School of Economics and Management  
Information Science Institute  
&  
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### BIOGRAPHICAL INFORMATION:

Born in Ioannina, Greece, 1958  
*Citizenship:* Swiss, Greek  
*Marital Status:* Married, 2 children  
*Languages :* fluent in : English, French, Greek

### RESEARCH INTERESTS

Autonomous Vehicles for Public transportation, Wireless and Mobile Communication and Multimedia systems and applications, Business Applications, Information Security, Health and Wellness Informatics.,

### CURRENT AND PAST POSITIONS

**Since October 2002:** Professor at the University of Geneva, (until 2014 Faculty of SES, Department of Business studies, Institute of Services Science) since 2014 Geneva School of Economics and Management, and member of the CUI  
**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.

### INSTITUTIONAL TASKS

**Since March 2019** Vice-chair of WG2 Vehicular Multimedia Architecture, of the ITU Focus Group on Vehicular Multimedia (FG-VM)  
**Since September 2018** Member of the Mobility-Hub of the Nomads Foundation  
**Since June 2014** Director of the Information Science Institute (ISI) of the GSEM  
**Since June 2014** Elected Member of the University “Commission du Personnel”  
**Since July 2007** President of the “Commission Informatique” of SES and then GSEM  
**Since July 2017** President and then vice-President of the “Conseil Participatif” of GSEM  
**Since April 2015,** member of the organizing commission of the “Forum Economie Numérique” (Canton de Genève dpt d’Economie, Fondation Genève place financier, Federation des Entreprises Romandes)  
**July 2007 – July 2014** vice-Dean of the faculty of Social Sciences and Economics of the University of Geneva

**July 2008 – December 2015** Member of the board of the SWITCH foundation, representing the University of Geneva

**2006 – 2013** - Founding member and vice-president of the ERCIM e-Mobility WG

**November 2014 – October 2018** Vice-president of the Scientific Committee of the University Security Observatory (OUS) of the Global Studies Institute (GSI) of the University of Geneva

**November 2015 – September 2017** , invited member of the scientific commission of the Swiss Research institute on Commodities

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

**Since September 2016** Director of the *Internet of Things* Continuous Education Program (MAS)

**Since January 2011** Director of the *Information Security* Continuous Education Program (MAS)

**Since October 2008** member of the Scientific commission of the Continuous Education Program *Management et Technologie des systèmes d'information* (MATIS)

**September 2014- September 2016** Director of the *Digital Strategy and Trust* Continuous Education Program (MAS)

## 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.

## TECHNOLOGY TRANSFER

**April 2000 -September 2004** : Co-Founder and research director of the Geneva based company PebbleAge S.A. (shares transferred to co-founders) The company targets in the commercialization of the expertise and acquired knowledge in the area of the Information Systems and Multimedia Applications from the Information Systems department of the SES faculty of the University of Geneva.

**September 1989 – September 2004** Co-Founder and managing director of the Luxembourg based consulting company D-Tech S.A. (the company has been liquidated). The company offered consulting services in IT technologies for European and international companies.

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

**Since 2015** - Coach for startups created by the past PhD and master students : MobileThinking Sarl, EverDreamSoft Sarl, FoxyTag Ltd, MobiHealth B.V. (NL)

## OTHER PAST AND PRESENT RESEARCH RELATED ACTIVITIES

- Expert evaluator for the Natural Sciences and Engineering Research Council of Canada (NSERC).
- Expert Evaluator for the EU 6th -7<sup>th</sup> – H2020 programs
- Past and present program committee member and chair of many conferences IFIP - I3E (e-Commerce, e-Business, e-Government) conference, Ambient, PROMS - International Conference on Protocols for Multimedia Systems, SAINT, Symposium on Applications and the Internet, sub-committee Services for Information Society and e-Economy, PC chair for the Interop-ESA'05, Conference chair of the OOIS-03 conference, chair of the HICCS-34 and HICCS-35 “Trading of Intangible Goods” track, ...

## 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

### Last 5 years' projects with University of Geneva budget awarded

- EU H2020 project [AVENUE](#)(Project Coordinator) (2018-2022) (1.740.000 EUR)
- EU H2020 project [SHOW](#) (2019-2024) (380.000 EUR)

- EU H2020 project [GHOST](#) (2017 – 2020) (756.000 EUR)
- EU AAL project [Vizier \(Project Coordinator\)](#) (2016 -2019) (475.000 CHF)
- EU H2020 project [nIoVe](#) (2019-2022) (550.000 EUR)
- InnoSuisse project [SmartFactory](#) (2019-2020) (500.000 CHF)
- FNRS LabToLife (with FAPSE) (2017-2020) (150.000 CHF)
- CRUS [AgeNT](#) (with FAPSE) (2017-2021) (120.000 CHF)
- SERI CTI project [3Dcity](#) (2017-2019) (340.000 CHF)
- EU AAL project [CaMeLi \(scientific Coordinator\)](#) (2013-2015) (515.000 CHF)
- EU AAL project [CogniWin \(Project Coordinator\)](#) (2014-2017) (537.000 CHF)
- EU AAL project [COME](#) ( 2015 -2018) (442.000 CHF)
- EU AAL project [SmartHeat](#) (2015 -2018) (417.000 CHF)
- SERI CTI technology transfer project [F2D](#) (2014 -2015) (302.000 CHF)
- SERI CTI technology transfer project [CitiGeo](#) (2015 -2016) (394.000 CHF)
- EU FP7 project [Miraculous Life](#) (2013-2016) (433.000 EUR)
- EU H2020 project [GrowMeUp](#) (2015 -2018) (762.000 CHF)
- EU AAL project [MyGuardian](#), (2012-2015) (536.000 CHF)

### Most important Older 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-EICom 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)  
 EU Project No 215839 “*PlayMancer*” (University of Geneva, 2007-2010)  
 OFFT CTI-Project no. 8643.2 PFES-ES “*Geo-Tags: Trusted Geo-Spatial Tags*” (University of Geneva, 2007-2009)  
 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)  
 EU AAL project TRAINUTRI, “*Training and Nutrition Senior Social Platform*”, (University of Geneva, 2010-2012)  
 EU AAL project WayFiS, “*Way Finding Seniors*”, (University of Geneva, 2011-2013)

### PHD SUPERVISION & TEACHING

#### PhD Students under supervision (March 2020):

1. Jean-Jaques Kohler – Risk management of IT critical infrastructures

2. Riad Rashad – The digital transformation effects on state level economy
3. Cinzia Carrodano – Holistic risk evaluation.
4. Lucie Chauveau – Coping strategy skills for informal Alzheimer's caregivers
5. Anastasija Collen – Information security for IoT

### **PhDs supervised**

1. Mirana Randriambelonoro (January 2020): Self-monitoring technologies to promote healthy behavior in the long term
2. Athanasios Kyritsis (December 2019) Enhancing Wellbeing Using Artificial Intelligence Technique
3. Akram Hezam MOHAMMED (September 2019) A Reference Model for Securing IoT
4. Abbass Hammoud (November 2018) *Indoor Occupancy Sensing with Ultrasounds*
5. Marios Fanourakis (November 2018) On the Feasibility and Privacy Benefits of On-Device Data Mining for Opportunistic Crowd-Sensing and Service Self-Provisioning
6. Christiana Tsiourti (June 2018) Artificial Companions for Older Adults: Design Guidelines for Social and Emotional Interactions
7. Sebastien Ziegler (September 2017) Internet of Things and IPv6 Convergence: Towards a Universal and Interoperable IPv6-based Framework for the Internet of Things
8. Grigorios Anagnostopoulos (November 2017) Addressing Crucial Issues of Indoor Positioning Systems
9. Panagiotis Kostopoulos (October 2017) From fall detection to stress pattern using smart devices
10. Gary Frigidis (October 2016) The Value Perspective in the Analysis and Design of Service Systems.
11. Barbara Streimelweger (June 2016) Human-Factor-based Risk Management to improve Patient Safety : Managing risks and chances with RiDeM by using HFdFMEA
12. Mattia Gustarini (june 2016) Analysing smartphone users “inner-self”: the perception of intimacy and smartphone usage changes
13. Carlos Ballester Lafuente, (May 2015) A fully decentralized trust management and cooperation incentives framework for wireless user-centric networks
14. Tewfiq El Maliki (June 2014) Security Adaptation in Highly Dynamic Wireless Networks
15. Xavier Titi (March 2014) QoS/QoE-based Wi-Fi Network Trust and Reputation
16. Chrislain Razafimahefa, (November 2011) A programming model and execution environment for autonomous systems
17. Katarzyna Wac (June 2009) Collaborative sharing of Quality of Service-Information for Mobile Service Users
18. Alfredo Villalba (June 2009) Hovering Information: A Self-Organizing, Infrastructure-Free Storage and Retrieval Information Service for Mobile Applications
19. Michel Deriaz (February 2008) GeoVTag – Trusting Virtual Tags
20. Michel Pawlak (July 2008) A Reference Model for Free/Open Source Software (F/OSS) process management
21. Renata Guizzardi (February 2006) Agent-oriented constructivist knowledge management
22. Manuel Oriol (April 2004) An approach to the dynamic evolution of software systems
23. Jean-Henry Morin (January 1999) Commercial Electronic Publishing over Open Networks: A Global Approach Based on Mobile Objects (Agents)

## Publications – Dimitri Konstantas

### JOURNALS

1. Abbass Hammoud, Michel Deriaz, Dimitri Konstantas, Adaptive power switching technique for ultrasonic motion sensors, in Journal of Journal of Ambient Intelligence and Humanized Computing, (2018). <https://doi.org/10.1007/s12652-018-0888-y>
2. Athanasios I. Kyritsis, Julia Nuss, Lynnette Holding, Peter Rogers, Michael O'Connor, Panagiotis Kostopoulos, Mervyn Suffield, Michel Deriaz, Dimitri Konstantas, *User Requirement Analysis for the Design of a Gamified Ambient Assisted Living Application*, In: Miesenberger K., Kouroupetroglou G. (eds) Computers Helping People with Special Needs. ICCHP 2018. Lecture Notes in Computer Science, vol 10897. Springer, Cham
3. Panagiotis Kostopoulos, Athanasios I. Kyritsis, Vincent Ricard, Michel Deriaz, Dimitri Konstantas, Enhance daily live and health of elderly people, *Procedia Computer Science*, Volume 130, 2018, Pages 967-972, (open access)
4. Abdul-Ghani, Hezam Akram; Konstantas, Dimitri; Mahyoub, Mohammed; A comprehensive IoT attacks survey based on a building-blocked reference model IJACSA, *International Journal of Advanced Computer Science and Applications* 355-373 2018
5. Fernandez-Aranda, F., Jimenez-Murcia, S., Santamaría, J. J., Giner-Bartolomé, C., Mestre-Bach, G., Granero, R., & Konstantas, D. (2015). *The use of videogames as complementary therapeutic tool for cognitive behavioral therapy in bulimia nervosa patients*. *Cyberpsychology, Behavior, and Social Networking*, Dec. 2015, 18(12), 744-751.
6. Fernandez-Aranda, F., Jimenez-Murcia, S., Santamaría, J. J., Giner-Bartolomé, C., Mestre-Bach, G., Granero, R., & Konstantas, D. (2015). *The use of videogames as complementary therapeutic tool for cognitive behavioral therapy in bulimia nervosa patients*. *Cyberpsychology, Behavior, and Social Networking*, Dec. 2015, 18(12), 744-751.
7. Salomé Tárrega, Ana B. Fagundo, Susana Jiménez-Murcia, Roser Granero, Cristina Giner-Bartolomé, Laura Forcano, Isabel Sánchez, Juan José Santamaría, Maher Ben-Moussa, Nadia Magnenat-Thalmann, Dimitri Konstantas, Mikkel Lucas, Jeppe Nielsen, Richard G. A. Bults, Tony Lam, Theodoros Kostoulas, Nikos Faktotakis, Nadine Riesco, Ines Wolz, Josep Comín-Colet, Valentina Cardi, Janet Treasure, José Antonio Fernández-Formoso, José Manuel Menchón, Fernando Fernández-Aranda, *Explicit and Implicit Emotional Expression in Bulimia Nervosa in the Acute State and after Recovery*, Jul 2014 | PLOS ONE 10.1371/journal.pone.0101639
8. Ana Beatriz Fagundo, Esther Via, Isabel Sánchez, Susana Jiménez-Murcia, Laura Forcano, Carles Soriano-Mas, Cristina Giner-Bartolomé, Juan J Santamaría, Maher Ben-Moussa, Dimitri Konstantas, Tony Lam, Mikkel Lucas, Jeppe Nielsen, Peter Lems, Narcís Cardoner, Jose M Menchón, Rafael de la Torre, Fernando Fernandez-Aranda, *Physiological and Brain Activity after a combined Video Game Therapy plus Cognitive Behavioral Treatment for Emotional Regulation in Bulimia Nervosa: A Case Report*, *Journal of Medical Internet Research*, 2014 (Aug 12); 16(8):e183
9. 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
10. 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)

11. 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 complementary Therapy Tool in Mental Disorders: PlayMancer a European Multicenter Study”, *Journal of Mental Health* Aug 2012, Vol. 21, No. 4: 364–374.
12. Susana Jimenez-Murcia, Fernando Fernandez-Aranda, Elias Kalapanidas, Dimitri Konstantas, Todor Ganchev, Otilia Kocsis, Tony Lam, Juan J. Santamari, 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).
13. 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.
14. 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)
15. 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
16. 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).
17. Dimitri Konstantas and Jean-Henry Morin, “Agent-Based Commercial Dissemination of Electronic Information”, *Computer networks*, No 32 (2000), pp. 753-765, Elsevier Science
18. Jean-Henry Morin and Dimitri Konstantas, “Commercialization of Electronic Information”, *Journal of End User Computing*, Vol. 12, No. 2, April-June 2000
19. 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.
20. 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.
21. Constantin Arapis, Dimitri Konstantas and Dennis Thichritzis, “Telelectures over Inter-net”, *Informatique, Reveu des organizations suisses d’informatique*, Nr. 6, Dec. 1998.
22. 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.
23. 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.
24. Dimitri Konstantas, “Audio Data Handling”, *Speech Technology*, Vol.3, No.1, Aug./Sept. 1985.

## BOOKS

25. 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
26. 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
27. Marc Brogle, Geert Heijnen, Torsten Braun, Dimitri Konstantas, *Proceedings of the Third ERCIM Workshop on eMobility*, University of Twente, Enschede, The Netherlands, May 27 - 28, 2009, ISBN 978-90-365-2846-7

## BOOK CHAPTERS

28. 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
29. 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
30. 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
31. 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)
32. 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)
33. Ing Widya, Peter Vierhout, Val M. Jones, Richard Bults, Aart van Halteren, Jan Peuscher, and Dimitri Konstantas, "Telematic Requirements for Emergency and Disaster Response derived 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)
34. Val Jones, Nadav Shashar, Oded Ben Shaphrut, Kevin Lavigne, Rienk Rienks, Richard Bults, Dimitri Konstantas, Pieter Vierhout, Jan Peuscher, Aart van Halteren, Rainer Herzog and Ing Widya, "Remote Monitoring for Healthcare and for Safety in Extreme Environments", 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)
35. 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 Personalised Health Management", A. Lymberis and D. de Rossi, Editors, IOS Press, Amsterdam, 2004, 360 pp., ISBN: 1 58603 449 9
36. 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 Wireless Networks* In: G. Demiris (Ed.), *e-health: Current Status and Future Trends*, IOS Press, Amsterdam, 2004, ISBN: 1 58603 442 1
37. Dimitri Konstantas, "Interoperation of Object Oriented Applications", chapter 3 in *Object Oriented Software Composition*, Eds. O. Nierstrasz & D. Tshichritzis, Prentice Hall 1995

## CONFERENCES

38. Abdul-Ghani, Hezam Akram; Konstantas, Dimitri; A comprehensive study of security and privacy guidelines, threats, and countermeasures: an IoT perspective *Journal of Sensor and Actuator Networks* 8 2 22 2019 Multidisciplinary Digital Publishing Institute

39. Abdulghani, Hezam Akram; Nijdam, Niels Alexander; Collen, Anastasija; Konstantas, Dimitri; A Study on Security and Privacy Guidelines, Countermeasures, Threats: IoT Data at Rest Perspective Symmetry 11 6 774 2019 Multidisciplinary Digital Publishing Institute
40. Fragnière, Emmanuel; Konstantas, Dimitri; Kohler, Jean-Jaques; On the Benefit of Mixing Varied Professional Skills to Better Handle Improvisation Phases in Crisis Management: A Qualitative Survey Conducted in Geneva and Valais, Switzerland 2019 4th International Conference on System Reliability and Safety (ICSRS) 474-478 2019 IEEE
41. Kyritsis, Athanasios I; Willems, Geoffrey; Deriaz, Michel; Konstantas, Dimitri; Gait Pattern Recognition Using a Smartwatch Assisting Postoperative Physiotherapy International Journal of Semantic Computing 13 2 245-257 2019 World Scientific Publishing Company
42. Pandey, Pankaj; Collen, Anastasija; Nijdam, Niels; Anagnostopoulos, Marios; Katsikas, Sokratis; Konstantas, Dimitri; Towards automated threat based risk assessment for cyber security in smart homes Proceedings of the 18th European Conference on Cyber Warfare and Security (ECCWS 2019), Coimbra, Portugal 04-May 2019
43. Kyritsis, A. I., Willems, G., Deriaz, M., & Konstantas, D. (2018, September). Gait Recognition with Smart Devices Assisting Postoperative Rehabilitation in a Clinical Setting. In Artificial Intelligence for Industries (ai4i), 2018 International Conference on. IEEE. (best Paper Award)
44. Athanasios I. Kyritsis, Michel Deriaz, Dimitri Konstantas , Considerations for the Design of an Activity Recognition System Using Inertial Sensors, , in the 20th IEEE International Conference on E-health Networking, Application & Services (IEEE HealthCom 2018), Ostrava, Czech Republic, 2018.
45. Athanasios I. Kyritsis, Michel Deriaz, Dimitri Konstantas, Anomaly Detection Techniques in Mobile App Usage Data among Older Adults, in the 20th IEEE International Conference on E-health Networking, Application & Services (IEEE HealthCom 2018), Ostrava, Czech Republic, 2018.
46. Athanasios I. Kyritsis, Julia Nuss, Lynnette Holding, Peter Rogers, Michael O'Connor, Panagiotis Kostopoulos, Mervyn Suffield, Michel Deriaz, Dimitri Konstantas , User Requirement Analysis for the Design of a Gamified Ambient Assisted Living Application, in the 16th International Conference on Computers Helping People with Special Needs (ICCHP 2018), Linz, Austria, 2018.
47. Abbass Hammoud, Michel Deriaz and Dimitri Konstantas , Wandering Behaviors Detection for Dementia Patients: a Survey, , in The 3rd International Conference on Smart and Sustainable Technologies (SPLITECH 2018), Split, Croatia, 2018.
48. Abbass Hammoud, Michel Deriaz, Dimitri Konstantas , Enhance daily live and health of elderly people, Panagiotis Kostopoulos, Athanasios I. Kyritsis, Vincent Ricard, Michel Deriaz, Dimitri Konstantas, in The 8th International Symposium on Frontiers in Ambient and Mobile Systems (FAMS 2018), Porto, Portugal, 2018.
49. Athanasios I. Kyritsis, Michel Deriaz and Dimitri Konstantas , Enhanced Still Presence Sensing with Supervised Learning over Segmented Ultrasonic Reflections, Abbass Hammoud, in The Eighth International Conference on Indoor Positioning and Indoor Navigation (IPIN 2017), Sapporo, Japan, 2017.
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#### INVITED TALKS

- ITU Session on IoT for Development, “Internet of Things : challenges and opportunities” February 24, 2020
- ERTRAC-EGVIA-European Commission conference, Session 7 Automated driving at our doors, “The AVENUE project”, December 4, 2019
- “SHIFT Automotive @ GIMS 2019” How New Technologies Will Change the Way We Think, Live And Drive, “Cybersecurity of connected and autonomous vehicles”, March 6, 2019
- EURsearch - H2020 - Funding Opportunities to Foster Smart Mobility, October 1, 2019
- Panel of the World Summit on the Information Society (WSIS) Forum, Session Smarter Cities enabled by citizens, private and public sector, collaborating in open Innovation, ITU, April 11, 2019