

Curriculum Vitae

Dimitri Konstantas

University of Geneva
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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 – Director of the Information Science Institute

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 2021 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 2017 – July 2019 President of the “Conseil Participatif” of GSEM

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-December 2013, 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)

October 2008 - September 2014 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

Mars 2019 – May 2023: founding member and member of the board of the RedSafe Foundation, aiming to promote and support the implementation of good practices by and with public institutions and private or mixed companies in the fields of Information security and safety, by the granting of the REDSAFE certification label; (the foundation was dissolved in May 2023).

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), iUGO Sarl

OTHER PAST AND PRESENT RESEARCH RELATED ACTIVITIES

- 2020-2022 : Guest editor for the MDPI special Special Issue "Autonomous Vehicles for Public Transportation Services"
- 2012-2018 : Expert evaluator for the Natural Sciences and Engineering Research Council of Canada (NSERC).
- Since 1996: Expert Evaluator for the EU 6th -7th – 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, ...

OVERVIEW OF RESEARCH PROJECTS

Last 5 years' projects with University of Geneva budget awarded

- EU Horizon Europe ULTIMO (**Initiator and Associate Project Coordinator**) (2022-2026)
(Project overall budget 55 MEUR) (1.900.000 EUR)
- EU Horizon Europe ENFLATE (2022-2026) (410.000 EUR)
- EU Horizon Europe SINOGENES (2022-2026) (518.000 EUR)
- EU Horizon Europe SLICES (2022-2026) (45.000 EUR)
- EU H2020 project [AVENUE](#) (**Initiator and Project Coordinator**) (2018-2022)
(project overall budget 24 MEUR) (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-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)
 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)

Publications – Dimitri Konstantas

JOURNALS

1. Konstantas D and Fournier G. “Fully automated public transportation mobility: the hidden challenges for a commercial deployment” [version 1]. Open Res Europe 2023, 3:71 (<https://doi.org/10.12688/openreseurope.15751.1>),
2. Zakeri, S., Ecer, F., Konstantas, D. and Cheikhrouhou, N. (2023), "The vital-immaterial-mediocre multi-criteria decision-making method", *Kybernetes*, Vol. 52 No. 3, pp. 937-963. <https://doi.org/10.1108/K-05-2021-0403>
3. Zakeri, S., Chatterjee, P., Cheikhrouhou, N. and Konstantas, D. (2022) ‘Ranking based on optimal points and win-loss-draw multi-criteria decision-making with application to supplier evaluation problem’, *Expert Systems with Applications*. Pergamon, 191, p. 116258.
4. Zakeri, S., Cheikhrouhou, N., et al. (2022) ‘A Grey Approach for the Computation of Interactions Between Two Groups of Irrelevant Variables of Decision Matrices’, in *Multiple Criteria Decision Making*. Springer, Singapore, pp. 193–222.
5. Zakeri, S., Konstantas, D. and Cheikhrouhou, N. (2022) ‘The Grey Ten-Element Analysis Method: A Novel Strategic Analysis Tool’, *Mathematics*. MDPI, 10(5), p. 846.
6. Zakeri, Shervin, Yang, Y. and Konstantas, D. (2022) ‘A Supplier Selection Model Using Alternative Ranking Process by Alternatives’ Stability Scores and the Grey Equilibrium Product’, *Processes*. MDPI, 10(5), p. 917.
7. Zakeri, S., Yang, Y. and Konstantas, D. (2022) ‘A Supplier Selection Model Using Alternative Ranking Process by Alternatives’ Stability Scores and the Grey Equilibrium Product. *Processes* 2022, 10, 917’.
8. Zakeri, S., Chatterjee, P., Cheikhrouhou, N., Konstantas, D., et al. (2022) ‘MUTRISS A New Method for Material Selection Problems using Multiple-Triangles Scenarios’, Available at SSRN 4215311.
9. Fragidis, G. and Konstantas, D. (2022) ‘Customer-Centric Service Design: Featuring Service Use in Life Practices’, in. Springer, Cham, pp. 182–193.
10. Yan, K. et al. (2022b) ‘To be more independent or more dependent? The evolution mechanism of co-innovation between digital platforms and content creators’, *Journal of the Operational Research Society*. Taylor & Francis, pp. 1–15.
11. Konstantas, D. and Fournier, G. (2022) ‘Fully Automated Public Transportation Mobility: A Dream or A Nightmare?’ Preprints.
12. Zakeri, S. and Konstantas, D. (2022) ‘Solving Decision-Making Problems Using a Measure for Information Values Connected to the Equilibrium Points (IVEP) MCDM Method and Zakeri–Konstantas Performance Correlation Coefficient’, *Information*. MDPI, 13(11), p. 512.
13. Abdulghani, H. A., Nijdam, N. A. and Konstantas, D. (2022) ‘Analysis on Security and Privacy Guidelines: RFID-Based IoT Applications’, *IEEE Access*. IEEE, 10, pp. 131528–131554.
14. 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, <https://doi.org/10.3390/jsan8020022>
15. 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, <https://doi.org/10.3390/sym11060774>
16. Hezam Akram Abdul-Ghani, Dimitri Konstantas and Mohammed Mahyoub, “A Comprehensive IoT Attacks Survey based on a Building-blocked Reference Model” *International Journal of Advanced Computer Science and Applications(IJACSA)*, 9(3), 2018. <http://dx.doi.org/10.14569/IJACSA.2018.090349>
17. Moussa Witt, Dimitri Konstantas, IOT and Security-Privacy Concerns: A Systematic Mapping Study, January 2018, SSRN Electronic Journal, DOI: 10.2139/ssrn.3319816

18. 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>
19. 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
20. 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)
21. 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
22. 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.
23. 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.
24. 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 Fakotakis, 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
25. 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
26. 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
27. 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)
28. 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.

29. 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).
30. 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.
31. 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)
32. 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
33. 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).
34. Dimitri Konstantas and Jean-Henry Morin, "Agent-Based Commercial Dissemination of Electronic Information", *Computer networks*, No 32 (2000), pp. 753-765, Elsevier Science
35. Jean-Henry Morin and Dimitri Konstantas, "Commercialization of Electronic Information", *Journal of End User Computing*, Vol. 12, No. 2, April-June 2000
36. 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.
37. 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.
38. Constantin Arapis, Dimitri Konstantas and Dennis Thichritzis, "Telelectures over Inter-net", *Informatique, Reveu des organizations suisses d'informatique*, Nr. 6, Dec. 1998.
39. P.Constantopoulos, S.Gibbs, D.Konstantas, M.Theodoridou, Y.Vassiliou, Y.Yeorgaroudakis, "MUSE: A Multimedia Document System", *IEEE Office Knowledge Engineer-ing Journal*, Vol.1 No.1, February 1987.
40. 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.
41. Dimitri Konstantas, "Audio Data Handling", *Speech Technology*, Vol.3, No.1, Aug./Sept. 1985.

BOOKS

42. 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
43. 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
44. Marc Brogle, Geert Heijenk, 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

45. Dimitri Konstantas, "From Demonstrator to Public Service: The AVENUE Experience", in *The Robomobility Revolution of Urban Public Transport, A Social Sciences Perspective*, Mira-

- Bonnardel, Sylvie, Antonialli, Fabio, Attias, Danielle (Eds), Springer, ISBN 78-3-030-72975-2, 2021
46. 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
 47. 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
 48. 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
 49. Val Jones, Aart van Halteren, Ing Widya, Nikolai Dokovsky, George Koprnikov, 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)
 50. Val Jones, Aart van Halteren, Nikolai Dokovsky, George Koprnikov, 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)
 51. 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)
 52. 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)
 53. 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
 54. Van Halteren A., Konstantas D., Bults R. Wac K., Dokovsky N. Koprnikov 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
 55. Dimitri Konstantas, "Interoperation of Object Oriented Applications", chapter 3 in *Object Oriented Software Composition*, Eds. O. Nierstrasz & D. Tshichritzis, Prentice Hall 1995

CONFERENCES

56. Hezam, A.A.; Konstantas, D.; Nijdam, N. A Novel Methodology for Securing IoT Objects Based on their Security Level Certificates. Preprints 2020, 2020040362 (doi: 10.20944/preprints202004.0362.v1).
57. Moussa Witt, Dimitri Konstantas , Secure and Privacy-aware Data Collection Architecture Approach in Fog Node Based Distributed IoT Environment, 6th International Conference on Computer Science, Engineering and Information Technology, Zurich, Switzerland, November 2019, DOI: 10.5121/csit.2019.91302
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INVITED TALKS – ROUND TABLES

- 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
- SIG-Geneve, Sous-sol : la géoinformation au service de ce que vous ne voyez pas, , 27 Novembre, 2019, « Présentation du projet de visualisation des canalisations en réalité augmentée (RA) »
- Canton de Geneve, , Office cantonal de l'environnement, Les Jeudis de l'environnement « Electromobilité », 22, Novembre 2018, « Voitures Autonomes pour les Transports Publics »
- EURsearch, Funding Opportunities to Foster Smart Mobility, 1.10.2019, Geneva
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