

Curriculum Vitae



Personal data

Michel DERIAZ

Native speaker in French, fluent in English and German

Education

- 2003 - 2008 PhD in Information Systems, University of Geneva, faculty of Sciences Economiques et Sociales
- 1997 - 2003 Diploma (equivalent to B.Sc. & M.Sc.) in Computer Science, University of Geneva, faculty of Sciences
- 1991 - 1997 Diploma in telecommunications, Engineer School of Geneva (EIG)

Academic experience

- 2024 - now Visiting Professor at the Carol Davila University of Medicine and Pharmacy in Bucharest, where I collaborate on research projects linking medicine and artificial intelligence.
- 2020 - now Professor at the Geneva School of Business Administration (HEG) from the University of Applied Sciences and Arts of Western Switzerland (HES-SO), where I teach artificial intelligence and modelling, and accompany students in their first steps in companies.
- 2011 - now Lab director at University of Geneva, where I've created the TaM laboratory, specialised in indoor positioning, mHealth and artificial intelligence, with 8 staffs on average. My team and myself are only funded through European and national projects that I imagine, write and submit to Innosuisse and European funding agencies. As an applied research team, we have in all our projects at least one commercial partner.

Professional experience

- 2009 - 2011 Mobile development leader at arx iT SA
- 2008 - now Director of FoxyTag Ltd
- 2008 - 2009 R&D director at Organix SA

Teaching experience

2024 - now	Artificial intelligence classes for entrepreneurs
2018 - now	UML classes for bachelor students at Geneva School of Business Administration (HEG)
2003 - 2008	Java classes for bachelor and master students that I gave as assistant at UNIGE during my PhD
2005 - 2005	Java, cryptology and security classes for police officers
1997 - 2007	Java classes at IFAGE (Institut de formation des adultes, Genève)

Start-ups

I've created my own startup FoxyTag Ltd in London just after my PhD (2008), a company managing a speed camera warning application. I then helped Shaban Shaame, one of my master students at UNIGE and collaborator at Organix SA, to create his own company EverdreamSoft SA, specialised in games, virtual money, and also partner of FoxyTag. During my work as lab director, I helped two of my employees, Jody Hausmann and Kevin Salvi, to create their company MobileThinking Sàrl, specialized in development of Android and iOS mobile applications and innovative solutions. All these start-ups are still active today.

Student and PhD supervision

I had the opportunity to supervise several bachelor and master thesis.

2024	Jean-Pierre Grossglauser	Conception et Développement Expérimental d'un Protocole de Gestion d'Urgence Décentralisé
2023	Dorian Thomé	"Un moyen de paiement mobile pour l'application MISY"
2023	Laszlo Dindeleux	"Elaboration d'une web app pour la gestion des compatibilités de médicaments IV pour le service pharmacie du CHUV"
2022	Steven Vaglio	"Développement d'un outil informatique d'aide à la décision aux soins intensifs adultes du CHUV"
2021	David Montejo	"PoCFoot, algorithmes d'apprentissages automatisés pour reconnaître des types de blessures au niveau du pied"
2021	Mikael Bolens	"Comment utiliser des algorithmes pour proposer des abonnements aux utilisateurs du bar à café mia&noa en fonction de leurs profils et utilisations"
2021	Christophe Kamber	"Trevor, le chatbot sur la drépanocytose"
2021	David Romano	"Projet Zend - Mise en place d'un backend en architecture Microservices"
2021	Joel Mendonça Ferreira	"Projet Zend - Front-end : Application de paiements mobiles offline"
2017	Ahn Nguyen	"Activity recognition with smartphone sensors for travelling individuals"
2012	Loïc Poisot	"Advanced API for FoxyTag"
2012	Marc Falcy	"Authentification d'utilisateurs sur une interface WEB"
2012	Anja Bekkelen	"Bluetooth Indoor Positioning"

2011	Henri LA	"La publicité géolocalisée dans le cadre d'une application mobile d'avertisseur de radars"
2008	Alina Burca	"SkyFreeGPS - a GPS Receiver Simulator"
2008	Pedro Velasco	"RambleCoach"
2008	Shaban Shaame	"Projet ZebrEye"
2007	Dejan Munjin Hikari Watanabe	"Déploiement d'applications Java ME"
2007	Ahmet Gyger	"Structural Web-Marketing"
2006	Quentin Miché-Santoro Ludovic Vollmer	"Programme d'affichage de cartes sur téléphone portable ViewMap"
2006	Joseph Duteil	"TPG mobil-i"
2006	Romain Dufour	"GEO-SERVICES"
2006	Joelle Levi Stéphane Krattinger	"DISPATCH-LOCATOR"
2006	Christophe Praplan Stéphane Velen	"Librairie Java pour l'utilisation d'un récepteur GPS Bluetooth sur téléphone mobile"
2005	Guillaume Engeli	"Inscription aux enseignements via le web"

During my work as lab director, I have directed and I'm currently directing the PhD thesis of several of my collaborators in the GSEM (Geneva School of Economics and Management) faculty. The following ones have already been published.

2019-12-19	Athanasios Kyritsis	"Enhancing Wellbeing Using Artificial Intelligence Techniques"
2018-11-23	Abbass Hammoud	"Indoor Occupancy Sensing with Ultrasounds"
2017-11-23	Grigorios Anagnostopoulos	"Addressing Crucial Issues of Indoor Positioning Systems"
2017-10-19	Panagiotis Kostopoulos	"From fall detection to stress pattern using smart devices"

Projects won for UNIGE and HEG

Since I started at UNIGE in 2011, I imagined, wrote, won and led the following main projects. The first column indicates when the project has been won, and the second the budget used by my team (not the full project budget). Details can be found at <https://tam.unige.ch/projects/>

2025	900'000 CHF	Mandate project SOFIA. Management of blood pressure. 48 months.
2023	127'500 CHF	Internal project AmbroDet. Detection of Ambrosia using fusion of satellite and drone images. 18 months.
2023	427'270 CHF	Innosuisse Alina. Accurate indoor positioning for horses thanks to data-driven inertial navigation algorithms and data collected while outdoors. 16 months.
2022	100'000 CHF	Mandate project NetHealth. Changing lifestyle in order to decrease the blood pressure. 18 months.
2022	80'000 CHF	Internal project Scienscope. Development of the new common reservation tool. 10 months.

2021	297'120 CHF	AAL CREATE. Tool helping elderly people to create and sell digital content. 30 months.
2021	297'120 CHF	AAL IANVS-2. A location based multi-services platform supporting a variety of applications that help senior and/or challenged persons to stay longer and safer in their trusted environment. 24 months.
2020	298'580 CHF	AAL Easierphone. Empowers elderly people to effectively use a smartphone. 30 months.
2019	405'116 CHF	Innosuisse HorseTrack. Detection in advance of risk of injuries for competition horses. 18 months.
2018	356'853 CHF	Innosuisse QueueForMe. Users can register to any kind of waiting queue and be called when their turn arrive. 12 months.
2018	265'375 CHF	AAL frAAgiLe. A platform for detecting and preventing frailty and falls. 36 months.
2018	273'900 CHF	AAL CoachMyLife. Using sensors to recognise the users' context and intent. 36 months.
2017	347'915 CHF	CTI Maximus. Indoor positioning with auto-calibration of all beacons and parameters. 18 months.
2016	362'800 CHF	CTI FoxyFoodDelivery. When food complexity logistics become clear. 18 months.
2016	398'694 CHF	AAL Many-Me. Social interactive care system to support the wellbeing of people living with dementia. 36 months.
2016	279'050 CHF	CTI Recover@home. A monitoring solution to be used at home by people who undergo lower body orthopaedic surgery. 18 months.
2016	330'100 CHF	CTI IDDASS. Interests detection during a shopping session. 18 months.
2015	403'416 CHF	AAL EDLAH2. A tablet providing to seniors all the information and support they need to live autonomously as long as possible. 30 months.
2014	429'732 CHF	AAL SmartHeat. A smart and energy saving heating system for your home that fits your needs for a pleasant living without worries. 36 months.
2013	336'840 CHF	CTI F2D. Fall detection with a smartwatch. 18 months.
2013	481'291 CHF	AAL StayActive. Stress and burn-out prevention through a smartphone. 30 months.
2012	336'832 CHF	CTI MoveYourStory. Automatic movie creation according to the behaviour and the interests of a smartphone user. 18 months.
2012	517'735 CHF	AAL EDLAH. A tablet providing to seniors all the information and support they need to live autonomously as long as possible. 30 months.
2012	326'280 CHF	CTI Geosop. Adding spatial and real-life components to the Moonga online card game. 18 months.
2011	388'535 CHF	AAL Virgilius. A guide for indoor places, like museums or hospitals, which is specifically adapted for seniors. 31 months.

Talks

I'm often invited to present either my projects, a technical subject or my opinion about a given topic. Here is a list of some talks I've given to audiences with 20 to 150 people.

2019-11-26	Innosuisse Tour de Suisse: Presentation of the QueueForMe project
2019-11-18	Semaine de l'Entrepreneuriat: Presentation of the QueueForMe project
2019-11-14	GeoIT Berlin: Chair of the Indoor positioning session
2019-05-15	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Cyberharcèlement"
2018-06-05	Cercle Silver Economie: Presentation of the Recover@home project
2017-11-30	GeoIT Berlin: Presentation of the CTI FoxyFoodDelivery project
2017-05-03	Cercle Silver Economie: Presentation of the FoxyFoodDelivery project
2017-02-28	SGG/SSG (Schweizerische Gesellschaft für Gerontologie / Société Suisse de Gérontologie): Presentation of all my projects linked to senior people, during 75 minutes
2017-02-06	HES-SO Lausanne: Preparing HES-SO participation in AAL Call 2017
2017-01-31	Scanet (Swiss Consulting Association): "Succès académique, fiasco commercial"
2016-10-11	IMAD (institution genevoise de maintien à domicile): Presentation of all my projects linked to senior people, during 60 minutes, on front of the 50 managers of IMAD
2016-06-15	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Google offline maps"
2016-06-14	Cercle Silver Economie: Presentation of F2D and EDLAH projects
2016-02-24	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Bracelets connectés"
2015-11-17	Cercle Silver Economie: Presentation of CTI and the Recover@home project
2015-09-24	BNP Paribas Cardif: Presentation of the EDLAH and F2D projects
2015-09-16	CREG (Centre de Rencontre des Entrepreneurs de Genève): "WhatsApp Web"
2015-09-02	SEA (Swiss Entrepreneur Association): Presented the TaM lab of UNIGE
2015-04-29	SEA (Swiss Entrepreneur Association): Presented my current projects
2015-02-25	SEA (Swiss Entrepreneur Association): Presented the CTI
2015-01-21	CREG (Centre de Rencontre des Entrepreneurs de Genève): "SaveMyCall"
2014-12-16	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Se faire offrir ses R&D, chapter 2"
2014-12-03	SEA (Swiss Entrepreneur Association): Presentation on how to build public-private partnerships
2014-12-01	Mobile Monday: Presentation on how to build public-private partnerships
2014-11-13	Cercle Silver Economie: Presentation of F2D and EDLAH projects
2014-09-17	CREG (Centre de Rencontre des Entrepreneurs de Genève): "MapsWithMe Pro"
2014-05-21	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Connected watch & smartwatch"
2014-03-26	CREG (Centre de Rencontre des Entrepreneurs de Genève): "VMware"
2014-02-18	CREG (Centre de Rencontre des Entrepreneurs de Genève): "SSD"
2014-01-22	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Security Audits with TaM new service"
2013-12-18	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Se faire offrir ses R&D"
2013-11-20	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Privazer"
2013-10-16	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Duplicate cleaner"

2013-09-25	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Wiping HD, PGP"
2013-06-26	CREG (Centre de Rencontre des Entrepreneurs de Genève): "How to select a good password"
2013-05-22	CREG (Centre de Rencontre des Entrepreneurs de Genève): Presentation about cryptology"
2013-03-25	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Hoax"
2013-02-20	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Cobian Backup"
2013-01-16	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Maprika"
2012-12-12	CREG (Centre de Rencontre des Entrepreneurs de Genève): "TOR"
2012-11-21	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Fake positioning systems on mobile phone"
2012-10-17	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Evernote"
2012-09-19	CREG (Centre de Rencontre des Entrepreneurs de Genève): "Google search"
2012-05-22	CREG (Centre de Rencontre des Entrepreneurs de Genève): "FoxyTag"

Since 2018 I am also in the program committee of GeoIT in Berlin, since 2021 Vice-president, and since 2023 President of this association.

Media coverage

Several of my projects have been presented to the press. By now there are more than 80 articles, including radio and TV interviews.

2024-12-19			Pourquoi faut-il se former à l'IA ?	Ville Onex
2024-12-03			Formation sur l'IA à Onex	TV Onex
2024-11-07			L'intelligence artificielle	Léman Bleu
2023-07-26			Digital Twin anunță lansarea platformei WisdomOfAge	TheDaily
2023-07-26			O companie din România a creat o platformă de mentorat ce pune în legătură profesioniștii vârstnici cu start-up-urile și IMM-urile	Ziarul Financiar
2023-07-26			Compania românească Digital Twin lansează o platformă care	News.ro
2023-07-26			Digital Twin anunță lansarea platformei WisdomOfAge	Financial Intelligence
2022-12-22			L'intelligence artificielle meilleure que l'être humain ?	Hémisphères
2021-12-01			Innovation sur le bar à café de mia&noa	One FM
2020-09-24			L'application "QueueForMe" vous libère de l'attente	Le Journal de l'UNIGE
2020-06-22			Une leçon de patience - QueueForMe	Migros Magazine
2020-06-19			QueueForMe as Innosuisse project example	Entreprise Romande

2020-03-05			QueueForMe: révolutionner les files d'attente	IngFLASH
2020-02-13			Presentation of QueueForMe	Radio Lac
2020-01-06			Presentation of Innosuisse at "Semaine mondiale de l'entrepreneuriat"	CCIGinfo
2019-09-29			Interview of Michel Deriaz about IFA Berlin	Le Monde Economique
2017-10-03			Short appearance of our AAL Forum booth on Portuguese TV	SIC Notícias
2016-03-16	 		La connexion dans la peau / Smarte Welt	Bilan
2015-11-21			Géolocalisation «indoor», Saint-Graal du marketing	Tribune de Genève
2015-04-18			La révolution numérique au service des seniors	Tribune de Genève
2014-11-16			Peu d'entreprises s'intéressent aux seniors	Le Matin Dimanche
2014-09-23			La montre qui ne laisse pas tomber les aînés	Campus
2014-07-21			L'Uni développe une supermontre pour protéger les séniors	Tribune de Genève
2014-03-01			Avec Tango, Google lorgne l'intérieur des maisons	Tribune de Genève
2013-12-10			Des audioguides qui géolocalisent les visiteurs	Le Temps
2013-09-30			Une start-up sort un jeu inédit grâce à l'Université	Tribune de Genève
2013-09-29			La Cryptologie a écrit l'Histoire	Le Monde Economique
2013-07-01			L'Université va rendre les seniors plus autonomes	Tribune de Genève
2013-06-20			SIG et seniors	Géomatique Expert
2013-05-28			Qu'est-ce que le positionnement interne ?	SES WebTV
2013-05-06			Que font les smartphones pour les seniors ?	Le Monde Economique
2012-10-13			La cartographie s'ouvre à l'intérieur des bâtiments	Tribune de Genève
2012-06-01			FoxyTag, l'avertisseur de radar 100% autogéré	Géomatique Expert
2012-04-23			Des SMS du XXIe siècle se développent à Genève	Tribune de Genève
2012-03-16			Les promesses et les dangers des outils de géolocalisation	Entreprise Romande
2012-02-29			La géolocalisation, une alternative à l'EMS ?	Bilan
2010-12-13			Un smartphone pour mieux flâner dans les villes	24 heures

2010-11-29			Tourisme et smartphone : succès du MobileMonday	Le Quotidien Jurassien
2010-11-17			Le marketing en temps réel court après les mobinautes	Bilan
2010-09-01			L'outil qui va changer la vision de Genève	Tribune de Genève
2010-09-01			Live interview of Michel Deriaz about GeTag	Radio Cité
2010-09-01			GeTag : L'ère du tourisme mobile	GHI
2010-09-01			Se balader au gré de son iPhone	20 Minutes
2010-08-31			Announcement for GeTag first release	Léman Bleu
2010-08-31			Genève innove en matière de e-tourisme en lançant l'application GeTag	Site Ville de Genève
2010-08-31			Official launch of GeTag by Pierre Maudet	Pierre Maudet's blog
2010-04-01			GeTag : un téléphone portable transformé en guide virtuel pour s'orienter à Genève	Vivre à Genève
2010-02-12			Second TV apparition of GeTag, during Couleurs Locales	Télévision Suisse Romande
2010-02-10			La géolocalisation au service du tourisme urbain	ICTjournal
2009-12-28			Réalité augmentée et tags virtuels	Market
2009-11-10			Le « geotagging » en toute confiance	Géomatique Expert
2009-11-05			La fiabilité de l'information sur iPhone	Revue Polytechnique
2009-11-02			Presentation of the GeTag project	Radio Suisse Romande
2009-10-21			First TV apparition of GeTag, during the news	Léman Bleu
2009-10-09			La Ville lance le guide touristique électronique	Tribune de Genève
2009-08-26			Comment l'internet nomade va devenir rentable	Bilan
2009-07-10			Les avertisseurs de radars pour mobiles	Mobiles
2009-03-23			Innovation à l'Université de Genève : les tags virtuels	Junior Entreprise Genève
2009-02-10			Test of 5 popular applications in Germany, including FoxyTag	ProSieben, Galileo
2008-09-14			TrackerTag : Un avertisseur radar pour votre téléphone Symbian	Mashable France
2008-09-13			Hate speed cameras ? You'll love TrackerTag	Mashable
2008-08-19			Avertir ou détecter un radar : le site antiradar qui nargue la loi	20 Minutes

2008-08-18			Signalez les radars sur la route via téléphone portable avec FoxyTag	TechCrunch France
2008-08-12			Développez votre propre anti-radar avec l'API FoxyTag	MobiFrance
2008-08-10			Worried of speed radars down the streets ? FoxyTag is the free solution	MerchantCircle
2008-05-20			Interview of Michel Deriaz about virtual tags	Radio Suisse Romande
2008-05-07			L'avertisseur de radars fixes et mobiles collaboratifs FoxyTag	Mobile Commerce
2008-05-07			L'anti-radar FoxyTag arrive en France	Presse-fr
2008-05-01			Les alertes radars sur son téléphone	L'essentiel du mobile
2008-04-29			FoxyTag : un avertisseur de radars sur votre mobile	Autodeclics
2007-09-27			GPS antiradars : le flou domine	Revue Automobile
2007-04-23			How to beat speed cameras with your mobile	Irish Daily Mirror
2007-02-03			A report on FoxyTag	SAT.1 Automagazin
2006-12-06			Interview of Michel Deriaz about FoxyTag and other possibilities implying virtual tags	NRJ
2006-11-22			Presentation of FoxyTag and its main competitors	Radio-Lac
2006-11-21			Un anti-radar sur son portable	Tribune de Genève
2006-11-16			A report on FoxyTag	SAT.1
2006-11-10			A report on FoxyTag followed by an interview of Me Christian Lüscher about the legality of this system	Télévision Suisse Romande
2006-11-09			Une parade high-tech contre les radars	Revue Automobile
2006-11-09			Mit dem Handy zum Blitzmerker werden	Hamburger Abendblatt
2006-10-30			Interview of Michel Deriaz and Jean-Christophe Sauterel, spokesman of the cantonal Police force of Canton Vaud	Radio Suisse Romande, during "On en parle"
2006-10-29			Radarwarnung per Handy	Kurier
2006-10-27			So warnt Ihr Handy vor Radarfallen	Bild
2006-10-26			Das Handy, das Radarfallen überlistet	Die Welt
2006-10-26			Déjouer les radars grâce à son mobile	20 Minutes

2006-10-26			Mit dem Handy Radarfallen austricksen	20 Minuten
2006-10-25			Handy warnt vor Radar	Vorarlberg Online
2006-10-25			Handy warnt vor Radarkontrolle	Telekom Presse
2006-10-25			Handy warnt vor Radarkontrolle	OE24
2006-10-25			Handy warnt vor Radarkontrolle	CHIP Online
2006-10-24			Radarfallen-Warnung am Handy	Spiegel

Publications (h-index = 16)

A Transformer Encoder Approach for Localization Reconstruction During GPS Outages from an IMU and GPS-Based Sensor, Kévin Cédric Guyard, Jonathan Bertolaccini, Stéphane Montavon, Michel Deriaz, in MDPI Sensors, 2025.

Exploring the Connections Between Grip Strength, Nutritional Status, Frailty, Depression, and Cognition as Initial Assessment Tools in Geriatric Rehabilitation—A Pilot Study, Amalia Teodora Vancea Nemirschi, Andreea Alexandra Lupu, Kamer-Ainur Aivaz, Mădălina Gabriela Iliescu, Michel Deriaz, Mircea Marzan and Luiza Spiru, in MDPI Medicina, 2024.

Predicting Foreign Exchange EUR/USD direction using machine learning, Kévin Cédric Guyard, Michel Deriaz, in MLMI 2024, Osaka, Japan, 2024.

Validation of Alogo Move Pro: A GPS-Based Inertial Measurement Unit for the Objective Examination of Gait and Jumping in Horses, Kévin Cédric Guyard, Stéphane Montavon, Jonathan Bertolaccini, Michel Deriaz, in MDPI Sensors, 2023.

An Experimental Evaluation of the Performance and Key Factors of Intelligent Recommendation System, Gabriela Rus et al., in Proceedings of SYROM & ROBOTICS, Chapter 41, 2023.

A scalable recommendation system approach for a companies - seniors matching, Kévin Cédric Guyard, Michel Deriaz, in the International Journal of Semantic Computing Vol. 17, p1–17, 2023.

An Innovative Recommendation System for a Knowledge Transfer Matchmaking Platform, Gabriela Rus et al., in Proceedings of ICT for Health, Accessibility and Wellbeing (IHAW), Larnaca, Cyprus, 2022.

Service Recommendations with Deep Learning: A Study on Neural Collaborative Engines, Pasquale De Rosa, Michel Deriaz, Marco De Marco, Luigi Laura, Pacific Asia Journal of the Association for Information Systems Vol. 14 No. 2, pp. 59-70, 2022.

Scalable Incremental Similarity-based Learning with Neural Filters for Large Scale Timeseries Classification Systems, Nils Schaetti, Pasquale De Rosa, Montavon Stéphane, David Deillon, Michel Deriaz, in the 6th International Conference on Smart and Sustainable Technologies (SplitTech 2021), Split and Bol, Croatia, 2021.

Artificial intelligence and GPS sensor technology for 3D analyses in the biomechanics of jumping horses, Stéphane Montavon, David Deillon, Johnathan Bertolaccini, Michel Deriaz, in the Swiss Review of Military and Disaster Medicine (SRMDM), Virtual, 2021.

Service Recommendations with Deep Learning: a Study on Neural Collaborative Engines, Pasquale De Rosa, Michel Deriaz, Marco De Marco, Luigi Laura, in the sixth version of ICTO international conference (ICTO2020), Virtual, 2020.

A Queue Management Approach for Social Distancing and Contact Tracing, Athanasios I. Kyritsis, Michel Deriaz, in the Third IEEE International Conference on Artificial Intelligence for Industries (ai4i 2020), Virtual, 2020.

A Machine Learning Approach to Waiting Time Prediction in Queueing Scenarios, Athanasios I. Kyritsis, Michel Deriaz, in the Second IEEE International Conference on Artificial Intelligence for Industries (ai4i 2019), Laguna Hills, California, 2019.

Gait Pattern Recognition Using a Smartwatch Assisting Postoperative Physiotherapy, Athanasios I. Kyritsis, Geoffrey Willems, Michel Deriaz, Dimitri Konstantas, International Journal of Semantic Computing, Vol. 13, No. 2, p. 245–257, 2019.

Gait Recognition with Smart Devices Assisting Postoperative Rehabilitation in a Clinical Setting, Athanasios I. Kyritsis, Geoffrey Willems, Michel Deriaz, Dimitri Konstantas, in the First IEEE International Conference on Artificial Intelligence for Industries (ai4i 2018), Laguna Hills, California, 2018.

Considerations for the Design of an Activity Recognition System Using Inertial Sensors, Athanasios I. Kyritsis, Michel Deriaz, Dimitri Konstantas, in the 20th IEEE International Conference on E-health Networking, Application & Services (IEEE HealthCom 2018), Ostrava, Czech Republic, 2018.

Anomaly Detection Techniques in Mobile App Usage Data among Older Adults, Athanasios I. Kyritsis, Michel Deriaz, Dimitri Konstantas, in the 20th IEEE International Conference on E-health Networking, Application & Services (IEEE HealthCom 2018), Ostrava, Czech Republic, 2018.

User Requirement Analysis for the Design of a Gamified Ambient Assisted Living Application, Athanasios I. Kyritsis, Julia Nuss, Lynnette Holding, Peter Rogers, Michael O'Connor, Panagiotis Kostopoulos, Mervyn Suffield, Michel Deriaz, Dimitri Konstantas, in the 16th International Conference on Computers Helping People with Special Needs (ICCHP 2018), Linz, Austria, 2018.

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.

Enhanced Still Presence Sensing with Supervised Learning over Segmented Ultrasonic Reflections, Abbass Hammoud, Athanasios I. Kyritsis, Michel Deriaz and Dimitri Konstantas, in The Eighth International Conference on Indoor Positioning and Indoor Navigation (IPIN 2017), Sapporo, Japan, 2017.

A Multiobjective Optimization Methodology of Tuning Indoor Positioning Systems, Grigorios G. Anagnostopoulos, Michel Deriaz and Dimitri Konstantas, in The Eighth International Conference on Indoor Positioning and Indoor Navigation (IPIN 2017), Sapporo, Japan, 2017.

Navigational needs and requirements of hospital staff: Geneva University Hospitals case study, Grigorios G. Anagnostopoulos, Michel Deriaz, Jean-Michel Gaspoz, Dimitri Konstantas and Idris Guessous, in The Eighth International Conference on Indoor Positioning and Indoor Navigation (IPIN 2017), Sapporo, Japan, 2017.

Power Hopping: an Automatic Power Optimization Method for Ultrasonic Motion Sensors, Abbass Hammoud, Grigorios G. Anagnostopoulos, Athanasios I. Kyritsis, Michel Deriaz, Dimitri Konstantas, in The Fourteenth International Conference on Ubiquitous Intelligence and Computing (UIC-2017), San Francisco, USA, 2017.

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