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**Charles PEREZ**

31 years old

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*Citations: 106*

 *H-Index: 6*

 *i10 Index: 5*

**Research interests:** Smartphones, Security; Data mining, Social network analysis, Crowdfunding.

**ACTUAL POSITION**

2017 Associate professor at the Paris School of Business (PSB). Co-head of the Digital Data Design (D3) chair.

**EDUCATION**

2014-2017 Associate professor at the Paris School of Business (PSB). Member of the Digital Data Design (D3) chair.

2014-2015 Entrepreneur in computer science. CEO of Profilyser.

2011-2014 PhD obtained in the Charles DELAUNAY institute (ICD) of University of Technology of Troyes. Working on Online Social Networks, Nomadism and Smartphones security, Troyes, France.

2010-2011 Research internship in the Charles DELAUNAY institute (ICD) of

 University of Technology of Troyes, France

 2009-2010 Master degree in Engineering and management on global security), University of Technology of Troyes, Troyes, France

2008 ERASMUS 6 months’ exchange program in Metropolia, Helsinki, Finland

2005 - 2010 Engineer student of ESIEA (École Supérieure d’Informatique

Électronique Automatique), Laval, France

2004 Advanced classes of Mathematic, Physic and Engineer Science (MPSI), Mont-de-Marsan, France

2003 High school diploma, Science specialty, Mont-de-Marsan, France

Languages French Native, English C1, Spanish B1, Russian A2, Italian A2

 {Finnish, Ancient Greek, Latin} basic level

**PUBLICATIONS**

**2017**

SOKOLOVA, K., PEREZ, C., The Privacy Research Community in Computing and Information Technology, in The Tenth International Conferences on Pervasive Patterns and Applications, PATTERNS 2017, [download](https://www.thinkmind.org/download.php?articleid=patterns_2017_9_20_70031)

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PEREZ, C., Analysing human migrations patterns using digital social network analysis, in The Tenth International Conferences on Pervasive Patterns and Applications, PATTERNS 2017, [download](https://www.google.fr/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0ahUKEwiZpIal1N7SAhVJUBQKHXPnAz8QFggfMAA&url=https%3A%2F%2Fwww.thinkmind.org%2Fdownload.php%3Farticleid%3Dpatterns_2017_6_20_78009&usg=AFQjCNGtotEtFqial5UokFWKI_5nYQHVmA)

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SOKOLOVA, K., PEREZ, C., LEMERCIER, M. [Android Application Classification and Anomaly Detection with Graph-based Permission patterns](http://www.charlesperez.fr/android2), Decision support systems, V93, pp62-76

**2016**

MAALAOUI, A., PEREZ, C.,BERTRAND, G., RAZGHALLAH, M., GERMON, R. [" Cruel Intention" or" Entrepreneurship Intention": What did you expect? An overview of the Entrepreneurship Intention research field-an interaction perspective](https://scholar.google.fr/citations?view_op=view_citation&hl=fr&user=UrG6Kb0AAAAJ&sortby=pubdate&citation_for_view=UrG6Kb0AAAAJ:ZeXyd9-uunAC), United States Association for Small Business and Entrepreneurship. Conference Proceedings

**2015**

KIM, J., and PEREZ, C. *Co-authorship Networks in Industrial Ecology Domains: the Growth and Change of Networks*, 7th International Journal of Industrial Ecology, 2015.

 SOKOLOVA, K., PEREZ, C., LEMERCIER, M. [*Android Permissions Usage: a First Step Towards Detecting Abusive Applications*](https://scholar.google.fr/citations?view_op=view_citation&hl=fr&user=UrG6Kb0AAAAJ&sortby=pubdate&citation_for_view=UrG6Kb0AAAAJ:mVmsd5A6BfQC), 7th International Conferences on Pervasive Patterns and Applications.

 PEREZ, C., BIRREGAH, B., LAYTON, R., LEMERCIER, M., WATTERS, P. *REPLOT : REtreiving Profile Links On Twitter for malicious campaign discovery.* Communications on Artificial Intelligence.

**2014**

 JAAFOR, O., BIRREGAH, B., PEREZ, C. and LEMERCIER, M. *Privacy threats from social networking service aggregators*, Cybercrime and Trustworthy Computing Conference CTC2014, Massey University, 2014

**2013**

PEREZ, C., BIRREGAH, B., and LEMERCIER, M. *A smartphone-based online social network trust evaluation system* International Journal of Social Network Analysis and Mining, 3(4): 1293-1310

GERMON, R., PEREZ, C., GABTENI, H. and MAALAOUI, A. *L’entrepreneuriat social dans les pays en développement : Levier d’une croissance responsable ?* , 27-28 Septembre 2013, Fès.

GERMON, R., PEREZ, C., GABTENI, H. and MAALAOUI, A. *« Crowdfunding ou la ruée vers l’or » : Etude des profils des crowdpreneurs et crowdbanqueur*. 8ème congrès de l'académie de l'entrepreneuriat et de l'innovation, 22-25 octobre 2013, Fribourg

LAYTON, R., PEREZ, C., BIRREGAH, B., [WATTERS, P.](http://www.informatik.uni-trier.de/~ley/pers/hd/w/Watters%3APaul_Andrew.html) and LEMERCIER M. *Indirect Information Linkage for OSINT through Authorship Analysis of Aliases*. Trends and Applications in Knowledge Discovery and Data Mining (PAKDD) International Workshops: DMApps. Springer 2013 [Lecture Notes in Computer Science](http://www.informatik.uni-trier.de/~ley/db/journals/lncs.html)

PEREZ, C., BIRREGAH, B., and LEMERCIER, M. *Familiar Strangers detection in online social networks.* The 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 25-28 Août 2013, 8 p.

PEREZ, C., BIRREGAH, B., LAYTON, R., LEMERCIER, M., WATTERS, P. *REPLOT : REtreiving Profile Links On Twitter for suspicious networks detection.* The 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 25-28 Août 2013, 8 p.

PEREZ, C., LEMERCIER, M., and BIRREGAH, B. *A dynamic approach to detecting suspicious profiles on social platforms.* IEEE International Conference on Communications (ICC), 9-13 June 2013, Budapest. 5 p

LEMOINE, V., PEREZ, C., LEMERCIER, M., VITARD, P., BENSOUSSAN, V., CORPEL, A., KHATOUN, R., and BIRREGAH, B. *Protection des infrastructures informatiques des entreprises face à la cybercriminalité.* Workshop Interdisciplinaire sur la Sécurité Globale (WISG 2013), 22-23 Janvier 2013, Troyes. 12 p.

**2012**

PEREZ, C., BIRREGAH, B., and LEMERCIER, M. *The Multi-layer imbrication for data leakage prevention from mobile devices.* Trust, Security and Privacy in Computing and Communications (TrustCom), 2012 IEEE 11th International Conference 10.1109/TrustCom.2012.274, 25-27 June 2012, Liverpool. 2012, 813-819 p.

BIRREGAH, B., TOP, T., PEREZ, C., CHÂTELET, E., MATTA, N., LEMERCIER, M., and SNOUSSI, H. *Multi-layer crisis mapping: a social media based approach.* Proceedings of the 2012 IEEE 21st International Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, 25-27 June 2012, Toulouse. 6 p.

**2011**

PEREZ, C., LEMERCIER, M., BIRREGAH, B., and CORPEL, A. *SPOT 1.0: Scoring Suspicious Profiles On Twitter.* In Social Network Analysis and Mining conference (ASONAM), 25-27 July 2011, Kaohsiung, Taiwan, 2011, 5 p.

**2010**

PEREZ, C., BIRREGAH, B., LACLÉMENCE, P., and CHÂTELET, E. *A combined approach for suspicious networks detection in graphs*, Veille Stratégique Scientifique et Technologique (VSST), 25-29 Octobre 2010, Toulouse. 2010, 12 p.

**BOOK CHAPTERS**

# PEREZ, C., GERMON R., *Graph creation and analysis for linking actors*

*An Application to social data*, in Algorithms for Automating Open Source Intelligence (OSINT). Elsevier, 2015-2016

PEREZ, C., LEMERCIER, M., and BIRREGAH, B. *Nouvelle approche de l'investigation numérique à l'aide de synergies entre smartphones et réseaux sociaux*, in Identité numérique. Enseignement, préservation et protection, Lavoisier, 2014

**ENCYCLOPEDIA ENTRY**

KEFI, H., PEREZ, C. *“*[*Dark Side of Online Social Networks: Technical, Managerial and Behavioral Perspectives*](https://meteor.springer.com/container/contribute.jsf?id=113190)*”*, [Encyclopedia of Social Network Analysis and Mining](https://meteor.springer.com/project/dashboard.jsf?id=283&tab=About), edited by  Reda Alhajj and Jon Rokne, 2017.

**WHITE BOOK**

GERMON, R., C.PEREZ , I.SAFRAOU - *"Data + Data = Valeur2" – 2016.*

**RESEARCH ACTIVITIES**

Reviewer for the Social Network Analysis and Mining (SNAM) journal.

Reviewer for the Decision support systems journal. IF: 3.271

Reviewer for the Communications on Artificial Intelligence journal. IF:0.364

Committee member of the 25th IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE-2016)

Technical Program Committee of The Ninth International Conferences on
Pervasive Patterns and Applications PATTERNS 2017.

Organizer of the Social Media Award ceremony from 2015 to 2017.

**EDUCATION ACTIVITIES**

Responsible for the project of creation of a Master of Science Program on Data Management labeled by the « Conférence des Grandes Écoles» (CGE), 2014.

Responsible for the project of creation of a Master of Science Program on “Cybersecurity & Management” for submission at the « Conférence des Grandes Ecoles» (CGE), 2017.

**TEACHING EXPERIENCE**

Autumn 17 Lecturer (45 hours) in the class 'Agile methodology for project management' at PSB Paris School of Business, Digital business, Paris, France.

 Lecturer (30 hours) in the class ‘Programming for dummies' at PSB Paris School of Business, Digital business, Paris, France.

 Lecturer (15 hours) in the class ‘Social network analysis' at PSB Paris School of Business, MSc Data Management, Paris, France.

 Lecturer (15 hours) in the class ‘IoT project with Arduino' at PSB Paris School of Business, MSc Data Management, Paris, France.

 Lecturer (15 hours) in the class ‘Data visualization with Tableau software' at PSB Paris School of Business, MSc Data Management, Paris, France.

 Lecturer (15 hours) in the class ‘Algorithm and programming' at PSB Paris School of Business, MSc Data Management, Paris, France.

Spring 15 Lecturer (15 hours) in the class 'Management of Information Systems' at ESG Management School, Paris, France.

Autumn 14 Lecturer (30 hours) in the class 'Agile methodology for project management' at PSB Paris School of Business, Paris, France.

 Lecturer (15 hours) in the class 'Social media for business intelligence' at ESG Management School, Paris, France.

 Lecturer (15 hours) in the class 'Big Data and web intelligence' at PSB Paris School of Business, Paris, France.

 Lecturer (9 hours) in the class 'Building Recommandation Systems' at PSB Paris School of Business for application to real case studies (RedBull, Asmodé, etc.), Paris, France.

 Lecturer (7.5 hours) in the class 'Digital technologies and media' at PSB Paris School of Business, Paris, France.

 Lecturer in Feep enterprise (50 hours) 'Excel to intermediate and advanced levels', 'Visual Basic for Applications', Troyes, France

Spring 14 Lecturer (15 hours) in the class 'Social media for business intelligence' at ESG Management School, Paris, France.

Autumn 13 Teaching assistant (25 hours) in the class 'Principle and Practice of object oriented programming languages ' in University of Technology of Troyes (UTT), Troyes, France.

 Lecturer in Feep enterprise (100 hours) 'Windows 7, Microsoft Word and Excel to intermediate and advanced levels', Troyes, France

 Advisor of a student’s group (20 hours) in the class 'Technological Work and Scientific Investigation' at UTT, Troyes, France.

Spring 13 Teaching assistant (34 hours) in the class 'Administration and virtualization systems and databases' at UTT, Troyes, France.

Autumn 12 Teaching assistant (50 hours) in the class 'Principle and Practice of object oriented programming languages' in UTT, Troyes, France.

Spring 12 Teaching assistant (34 hours) in the class 'Administration and virtualization systems and databases' at UTT, Troyes, France.

**ACHIEVEMENTS**

2014 PRISME (Predicting Risks Impact for Sustainaible Management and Environment) – Java software for calculating an environmental impact integrating temporality of the substance in the medium considered.

 Protected at APP (Agence de Protection des Programmes) under the following number:

 IDDN.FR.001.390034.000.S.P.2013.000.20700

2013 SOCIALYSER – Mobile application for iOS devices that allows to access the level of trust that one can have in its Twitter and Facebook contacts. Available on the App store:

 https://itunes.apple.com/app/id796563205

2011 Best poster award of the GIS-3SGS’2011 workshop, Valenciennes, France

2011 SPOT 1.0 – Scoring Suspicious Profiles on Twitter.

2010 DARSI V1.0 – Anomaly Detection in Online Social Networks application written in Java programming language –

 Project from January to June in UTT.

2009 QUIZ3 V1.0 – 3D OpenGL game with a wireless communication between the remote controls and a computer.

2008 An application developed as a questioner on general culture with a voting

 possibility done by remote controllers.

2007 Electronic system that permits the automatic management of an aquarium.

**INTERESTS**

Music Piano classes, 1994 - 1996, Musical School of Mont-de-Marsan, France

Chess Champion of Aquitaine department, 1996, France

Sport Cycling, 1995 – 2010

 Triathlon, 1998 – 2002

 Cyclocross, UFOLEP 2009, Champion of Aube area and

 Champagne-Ardenne region, France.