

KEVIN DANIEL ANDRE CARILLO, PH.D.
**ASSOCIATE PROFESSOR IN DATA SCIENCES &
INFORMATION SYSTEMS**

Coordinator - Master of Science "Big Data, Marketing & Management (D2M)"

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Toulouse Business School

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RESEARCH ACTIVITIES AND INTERESTS

Big data, business analytics, data-driven business, data-driven decision, online communities, free/open source software projects, openness and IT

EDUCATION

PhD in Information Systems	2010-2013
SCHOOL OF INFORMATION MANAGEMENT, VICTORIA UNIVERSITY OF WELLINGTON, NEW ZEALAND	
Thesis: Understanding contributor behavior within Free/Libre/Open Source Software communities: A socialization perspective	
<i>Supervisor: Professor Sid Huff</i>	
Master of Science in Business Administration (option Management Information Systems)	2003-2005
JOHN MOLSON SCHOOL OF BUSINESS, CONCORDIA UNIVERSITY, MONTREAL, CANADA	
Thesis: Creating high-quality products in open content virtual communities: a functional group perspective based on the time, interaction, and performance theory	
<i>Supervisor: Professor Chitu Okoli</i>	
Master's degree in Engineering specialized in Advanced Mathematics and Computer Science	1999-2002
NATIONAL ENGINEERING INSTITUTE IN ELECTRONICS, HYDRAULICS, COMPUTER SCIENCE AND TELECOMMUNICATIONS, TOULOUSE, FRANCE.	

TEACHING EXPERIENCE (UNIVERSITY LEVEL)

Associate Professor – Information Systems & Big Data	2013 – to date
TOULOUSE BUSINESS SCHOOL, TOULOUSE , FRANCE	
<i>Coordinator Master of Science "Digital Intelligence & Marketing Analytics"</i>	
<i>Coordinator Excellence Program "Big Data & Marketing" (Master in Management)</i>	

Achievements

- Creation & coordination of Excellence Program in "Big Data & Marketing"
- Creation & coordination of Master of Science "Digital Intelligence & Marketing Analytics"

- Set up collaboration with SAP University Alliances and coordination
- In charge of the implementation and coordination of all big data-related courses and programs
- Creation of big-data related business network involving more than 20 corporate partners (including IBM, SAP, SAS, Tableau, Capgemini, Atos, an EMC)
- Creation and coordination of Innojam in collaboration with SAP (Master of Science in Marketing): involving design thinking and app development training.

Courses (all at Master's level)

- **Information Systems:** IT governance, IT project management, ERP, IT performance, IT security
- **Big data:** Business value of big data, big data & digital transformation, data visualization, big data & marketing analytics, customer behavior analytics and data science, machine learning
- **Business Statistics**
- **Digital marketing and technologies**

Contract Lecturer and Course Coordinator

10/2010-2012

SCHOOL OF INFORMATION MANAGEMENT, VICTORIA UNIVERSITY OF WELLINGTON, NEW ZEALAND

INFO102- Introduction to Business Programming for three trimesters.

Professor

04/2009 – 03/2010

JSS CENTRE FOR MANAGEMENT STUDIES, JSS MAHAVIDYAPEETHA, MYSORE, KARNATAKA, INDIA

Information Systems courses: Introduction to MIS, ERP, IT project management

Contract Lecturer

JOHN MOLSON SCHOOL OF BUSINESS, CONCORDIA UNIVERSITY, MONTREAL, CANADA

09/2005 – 05/2006

Business statistics to first-year students during two semesters

OTHER TEACHING EMPLOYMENTS

Mathematics & Computer Science teacher

08/2007 – 01/2009

PRECORE NURSING PROGRAM, COLLEGE OF HEALTH, INSTITUTE OF APPLIED TECHNOLOGY, AL AIN, UAE

Taught Mathematics and Computer Science to female college students.

Mathematics teacher

08/2006 – 06/2007

INSTITUTE OF APPLIED TECHNOLOGY, HIGHSCHOOL, AL AIN, UAE

Taught Mathematics to grade 10-12 male students.

Volunteer Mathematics and English teacher

RAISING RAYS BOARDING SCHOOL, KATMANDU, NEPAL

Summer 2003 &
2006

Taught various classes from Grade 1 to Grade 10 in order to improve Mathematics skills and English conversation skills

TEACHING ASSISTANT/TUTOR EMPLOYMENTS

Tutor	06/2010-10/2010
SCHOOL OF INFORMATION MANAGEMENT, VICTORIA UNIVERSITY OF WELLINGTON, NEW ZEALAND	
INFO301 - Strategic Information Systems Management	
ELCM311 - Advanced Topics in e-Commerce	
Teaching assistant	09/2003 – 08/2005
JOHN MOLSON SCHOOL OF BUSINESS, CONCORDIA UNIVERSITY, MONTREAL, CANADA	
Teaching assistant in Statistics, Operations Management, and Management Information Systems.	
Teaching assistant	02/2002 – 06/2002
SCHOOL OF COMPUTER SCIENCE, SYDNEY UNIVERSITY, SYDNEY, AUSTRALIA	
Teaching assistant in java programming.	

PROFESSIONAL EXPERIENCE

Software Engineer	2002 –2003
INTERFACE S.I., TOULOUSE, FRANCE	
Chief – Engineer for an AIRBUS software project.	

PUBLICATIONS

Refereed Journal Articles

- Marsan, J., Carillo, K. D. A., & Negroita, B. (2019). Entrepreneurial actions and the legitimation of free/open source software services. *Journal of Information Technology*, 35(2), p. 143-160.
- Carillo, K.D.A., Galy, N., Guthrie, C., Vanhems, A. (2019). How to turn managers into data-driven decision-makers: Measuring attitudes towards business analytics, *Business Process Management Journal*, 25(3), p. 553-578.
- Cachat-Rosset, G., Carillo, K. D.A., & Klarsfeld, A. (2019). Reconstructing the concept of diversity climate—a critical review of its definition, dimensions, and operationalization. *European Management Review*, 16(4), 863-885.
- Marsan J., Templier, M., Marois P., Adams, B., Carillo K.D.A., Mopenza G. (2019) Towards solving social and technical problems in open source software ecosystems, *IEEE Software*, 36(1).
- Carillo, K.D.A., Huff, S., & Chawner, B. (2017). What Makes a Good Contributor? Understanding Contributor Behavior within Large Free/Open Source Software Projects - A Socialization Perspective, *Journal of Strategic Information Systems*, 26(4), 322-359.
- Carillo, K.D.A., (2017). Let's Stop Trying to be 'Sexy' – How shall we prepare managers for the (big) data-driven business era? *Business Process Management Journal*, 23(3).
- Carillo, K.D.A., Scornavacca, E., & Za, S. (2017). The role of media dependency in predicting continuance intention to use ubiquitous media systems. *Information & Management*, 54(3), pp. 317–335.
- Scornavacca, E., Za, S., & Carillo, K.D.A., (2016). Special Issue on Ubiquitous Media Systems: Guest Editors' Introduction. *Journal of Theoretical and Applied Electronic Commerce Research*, 11(3), pp. i-vii.
- Pillet, J. C., & Carillo, K.D.A., (2016). Email-free collaboration: An exploratory study on the formation of new work habits among knowledge workers. *International Journal of Information Management*, 36(1), pp. 113-125.
- Carillo, K.D.A., Galy, N., Guthrie, C., & Vanhems, A. (2016). «J'aime pas les stats!»—Mesure et analyse de l'attitude à l'égard du cours de statistique dans une école de management. *Statistique et Enseignement*, 7(1), pp. 3-31.
- Okoli, C. & Carillo, K.D.A. (2012). The best of adaptive and predictive methodologies: open source software development, a balance between agility and discipline. *International Journal of Information Technology and Management*, 11(1/2), pp. 153 -166.
- Carillo, K.D.A. & Okoli, C. (2011). Generating quality open content: A functional group perspective based on the time, interaction, and performance theory. *Information and Management*, 48(6), pp. 208–219.
- Carillo, K.D.A. & Okoli, C. (2008). The open source movement: A revolution in software development. *Journal of Computing Information Systems*, 49(2), pp. 1-9.
- Carillo, K.D.A. & Beaudry, A. (2006). The customer-Centered B2C literature through the lens of Activity Theory: A review and research agenda. *Communication of the Association for Information Systems*, 17, pp. 428-503.

Conference Publications

- Pillet, J. C., Carillo, K. D. A., Vitari, C., & Pigni, F. (2020). What Does It Do? Theorizing Functional Ambiguity as a Factor Influencing User Perceptions of Information Technology, *Proceedings of the 28th European Conference on Information Systems (ECIS)*, An online AIS Conference, June 15-17, 2020.
- Bawack, R. E., Fosso Wamba, S., & Carillo, K. D. A. (2019). Where Information Systems Research Meets Artificial Intelligence Practice: Towards the Development of an AI Capability Framework. *DIGIT 2019 Proceedings*, (5), December 13-18, Munich, Germany.
- Bawack, R. E., Fosso Wamba, S., & Carillo, K. D. A. (2019). Artificial intelligence in practice: Implications for information systems research. *Proceedings of the 25th Americas Conference on Information Systems, AMCIS 2019*, August 15-17, Cancun, Mexico.
- Bawack, R. E., Fosso Wamba, S., & Carillo, K. D. A. (2019). From IT to AI Artifact: Implications for IS Research on AI Adoption and Use. *DIGIT 2019 Proceedings*, (6), December 13-18, Munich, Germany.
- Bawack, R. E., Fosso Wamba, S., Scornavacca, E., & Carillo, K. D. A. (2019). Delegation of Decisions to Artificial Intelligence: A Conceptual and Empirical Investigation. *Proceedings of the 2019 Pre-ICIS SIGDSA Symposium*, 12, December 13-18, Munich, Germany.
- Fosso Wamba, S., Bawack, R. E., & Carillo, K. D. A. (2019). The State of Artificial Intelligence Research in the Context of National Security: Bibliometric Analysis and Research Agenda. In *Conference on e-Business, e-Services and e-Society* (pp. 255-266). Springer, Cham, September 2019, Trondheim, Norway.
- Cachat-Rosset, G., Klarsfeld, A., & Carillo, K. D.A. (2019). Exploring the Measurement of Inclusion in Organizations: Contributing to Construct Clarification. *Proceedings of Annual Academy of Management (AoM) Meeting*, August 9-13, Boston, USA.
- Abadie, A., Carillo K. D. A., Fosso Wamba, S., & Badot, O. (2019). Is Waze joking? Perceived Irrationality dynamics in user-robot interactions. *Proceedings of the 52nd Hawaii International Conference on System Sciences*, January 8-11 2019, Maui, Hawaii, USA.
- Pillet, J. C., Carillo, K. D. A., Vitari, C., & Pigni, F. (2018). Perceived IT Ambiguity: Development of a Measurement Instrument, *Proceedings of the Twenty-fourth Americas Conference on Information Systems*, August 17-19, New Orleans.
- Pillet, J. C., Vitari, C., Pigni, F., & Carillo, K. (2018). Detecting Biased Items When Developing a Scale: a Quantitative Approach, *Proceedings of the Twenty-fourth Americas Conference on Information Systems*, August 17-19, New Orleans.
- Carillo, K.D.A., Galy, N., Guthrie, C., & Vanhems, A. (2017) Développement et validation d'une nouvelle échelle de mesure de l'attitude à l'égard des statistiques : SATS-R. *49èmes Journées de Statistique de la SFdS*, June 1-5, Avignon, France.
- Carillo, K.D.A., & Marsan, J. (2016). "The Dose Makes the Poison"-Exploring the Toxicity Phenomenon in Online Communities. *Proceedings of the International Conference on Information Systems (ICIS)*, December 11-14, Dublin, Ireland.
- Carillo, K.D.A., & Bernard, J. G. (2015). How Many Penguins Can Hide Under an Umbrella? An Examination of How Lay Conceptions Conceal the Contexts of Free/Open Source Software. *Proceedings of*

the International Conference on Information Systems (ICIS), December 13-16, Fort Worth, Texas, United States.

- Carillo, K.D.A., Galy, N., Guthrie, C., & Vanhems, A. (2015) «J'aime pas les stats !» Mesure et analyse de l'attitude à l'égard des statistiques dans une école de management. *47èmes Journées de Statistique de la SFdS*, June 1-5, Lille, France.
- Carillo, K.D.A., Huff, S., & Chawner, B. (2014). Understanding Contributor Behavior within Large Free/Open Source Software Projects: A Socialization Perspective. *Proceedings of the International Conference on Information Systems (ICIS)*, December 14-17, Auckland, New Zealand.
- Carillo, K.D.A., Huff, S., & Chawner, B. (2014). It's not only about writing code: An investigation of the notion of citizenship behaviors in the context of free/libre/open source software communities. *Proceedings of the Annual Hawaii International Conference on System Sciences*, 3276–3285.
- Carillo, K.D.A., Scornavacca, E., & Za, S. (2014). An investigation of the role of dependency in predicting continuance intention to use ubiquitous media systems: combining a media system perspective with expectation-confirmation theory. *Proceedings of the European Conference on Information Systems*, June 9-11, Tel Aviv, Israel.
- Carillo, K.D.A., Chawner, B., & Huff, S. (2013). What makes a good community citizen? A socialization model for Free/Libre/Open Source Software communities. *Proceedings of the European Conference on Information Systems*, Utrecht, Holland, 5-8 June, 2013.
- Okoli, C. & Carillo, K.D.A. (2013). Beyond open source software: framework and implications for open content research. *Proceedings of the European Conference on Information Systems*, Utrecht, Holland, 5-8 June, 2013.
- Carillo, K.D.A. (2011). Can the Free/Libre/Open Source Software movement enlighten our society? A research agenda based on the Critical Theory of the Frankfurt school. *Proceedings of the Administrative Sciences Association of Canada (ASAC)*, July 2-5, 2011.
- Carillo, K.D.A. (2010). Introspection within the IS discipline - Social Cognitive Theory as a Reference Theory for Future Research. *Proceedings of the Australasian Conference on Information Systems (ACIS)*, Brisbane, Australia, December 1-3, 2010.
- Carillo, K.D.A. (2010). Social Cognitive Theory in IS research – Literature review, criticism, and research agenda. *Proceedings of the International Conference on Information Systems, Technology and Management (ICISTM)*, Bangkok, Thailand, March 11-13, 2010.
- Carillo, K.D.A. (2009). Online shopping behavior in India through the lens of Social Cognitive Theory - A Social Psychology perspective. *Proceedings of the International Conference On Innovative Strategies for Value Creation and Management*, R.V. Institute of Management, Bangalore, India, December 10-12, 2009.
- Bahli, B. & Carillo, K.D.A. (2008). Information technology offshore outsourcing research: A theoretical foundation and practical implications. *Proceedings of the 9th IBIMA Conference on Information Management in the Modern Organizations* (Marrakech, Morocco).

Refereed Book Chapters

- Carillo, K.D.A. (2016) Comprendre et optimiser la fonction Système d'information, *Management d'entreprise*, Dunod.
- Carillo, K.D.A. (2015). How to Engrain a Big Data Mindset into Our Managers' DNA: Insights from. Managing Big Data Integration in the Public Sector, IGI Global.
- Carillo, K.D.A. (2012) Understanding IS Theory: An interpretation of key IS theoretical frameworks using Social Cognitive Theory. In Yogesh K. Dwivedi, Michael R. Wade, Scott L. Schneberger (Eds), *Information systems theory: Explaining and predicting our digital society*. Berlin: Springer.
- Carillo, K.D.A., & Okoli, C. (2005). Open Source software communities. In S. Dasgupta (Ed.), *Encyclopedia of Virtual Communities and Technologies*. George Washington University, USA: Idea Group Reference.
- Okoli, C., & Carillo, K.D.A. (2005). Intellectual property rights in Open Source software communities. In S. Dasgupta (Ed.), *Encyclopedia of Virtual Communities and Technologies*. George Washington University, USA: Idea Group Reference.

Published books

- Carillo, K.D.A. (2007). Creating high-quality products in open content virtual communities - Exploring Wikipedia, the Free Encyclopedia. VDM Verlag.

Workshops

- Carillo, K.D.A., Marsan, J. & Negoita, B. (2017). Exploring the biosphere—towards a conceptualization of peer production communities as living organisms. *SIGOPEN 201 Developmental Workshop for Openness Research*, December 9, Seoul, South Korea.
- Carillo, K.D.A., Marsan, J. & Negoita, B. (2016). Towards Developing a Theory of Toxicity in the Context of Free / Open Source Software & Peer Production Communities. *SIGOPEN 2016 Developmental Workshop for Openness Research*, December 11, Dublin, Ireland.
- Bahli, B., & Carillo, K.D.A. (2007). International issues in information technology outsourcing: A categorical analysis. Paper presented at the IFIP 8.2 *Organizations and Society in Information Systems (OASIS)* Workshop, Montreal, Quebec, Canada, December 9, 2007.

PHD SUPERVISION

- Ransome BAWACK (2018- to date) – Co-supervision with Professor Samuel Fosso Wamba, Information Systems.
- Gaëlle CACHAT-ROSSET (2015 – to date) – Co-supervision with Professor Alain Klarsfeld, Human Ressources Management

EDITORIAL ACTIVITIES

Academic journals

- Guest editor - Editorial review board (special issue) : Journal of Theoretical and Applied Electronic Commerce : 2016
- Associate editor - Editorial review board (special issue) : Journal of Information Technology, 2016

Academic conferences

- Program committee : Pacific Asia Conference on Information Systems (PACIS) : 2017
- Track chair - Australasian Conference on Information Systems (ACIS): 2015
- Associate Editor - European Conference on Information Systems (ECIS): 2015, 2016, 2017, 2018, 2019, 2020
- Associate Editor - International Conference on Information Systems (ICIS): 2018

AD HOC REVIEWS

Abbr.	Name	Year / Number of reviews
Academic Journals		
<i>MISQ</i>	MIS Quarterly	2014(1)
<i>IM</i>	Information & Management	2019(2), 2018(2), 2017(1)
<i>IJIM</i>	International Journal of Information Management	2017(1), 2016(1), 2015(1), 2012(2)
<i>JIT</i>	Journal of Information Technology	2020(1), 2016(1)
<i>IEEE Software</i>	IEEE Software	2017(1)
<i>IJEMR</i>	International Journal of Electronic Marketing and Retailing	2018(1), 2014(1)
<i>JSIS</i>	Journal of Strategic Information Systems	2020(1), 2019(2)
<i>SIM</i>	Systèmes d'Information et Management	2020(1), 2015(2)
<i>JITP</i>	Journal of Information Technology & People	2014(1)
<i>CAIS</i>	Communications of the AIS	2018(1)
<i>EMJ</i>	European Management Journal	2019(1), 2018(2)
<i>J AIS</i>	Journal of the AIS	2019(1)
<i>DS</i>	Decision Sciences	2020(1), 2019(1)
Academic Conferences		
<i>ICIS</i>	International Conference on Information Systems	2020(2), 2019(1), 2017(2), 2015(2), 2014(1), 2013(2), 2012(2)
<i>AMCIS</i>	Americas Conference on Information Systems	2020(2), 2019(2), 2017(2), 2016(1), 2015(1)
<i>AIM</i>	Association Information et Management	2018(2)
<i>HICSS</i>	Hawaii International Conference on System Sciences	2014(2)
<i>ACIS</i>	Australasian Conference on Information Systems	2012(1)
<i>ECIS</i>	European Conference on Information Systems	2020(2), 2019(1)
<i>ICTO</i>	Information and Communication Technologies in Organizations and Society	2020(2)
Book chapters		
	Managing Big Data Integration in the Public Sector	2015(2)

RESEARCH FUNDING

- **2017-2019:** Adams, B., Mens, T., Marsan, J., Carillo, K.D.A. & Tamburri, D.A. "Towards an Interdisciplinary Socio-Technical Methodology and Analysis of Software Ecosystem Health", *Bilateral Program for Collaborative Research Québec – Communauté française de Belgique (FRQ)*, Fonds de recherche du Québec (FRQ), Fonds de la Recherche Scientifique (F.R.S.-FNRS), 150 000 € + 249 314 \$ CAD

AWARDS & SCHOLARSHIP

- Victoria PhD Scholarship recipient 2010-2012 – Victoria University of Wellington (New Zealand)