Chitu OKOLI

Professeur

Académie : Digitalisation

Centre de recherche : SKEMA Centre for Analytics and Operations

Campus : Paris

Email : chitu.okoli@skema.edu

Intérêts de recherche

Business Intelligence, Data Science, Literature Review Methodology, Machine Learning, Open Content, Statistics, intelligence artificielle

Formation

2020	HDR en Sciences de Gestion, Université de Nantes, France
2003	Ph.D. in Business Administration, Louisiana State University, Etats-Unis d'Amérique
2002	Master in Information Systems and Decision Sciences, Louisiana State University, Etats-Unis d'Amérique
1996	BSc en informatique, Louisiana State University, Etats-Unis d'Amérique

Expérience Professionnelle

Positions académiques principales

Depuis 2020	Professeur en digitalisation, SKEMA Business School, France
2017 - 2019	Professeur associé en digitalisation, SKEMA Business School, France
2010 - 2016	Professeur associé, John Molson School of Business - Concordia University, Canada
2003 - 2010	Professeur assistant, John Molson School of Business - Concordia University, Canada

Autres affiliations académiques

Depuis 2025	Directeur MSc Artificial Intelligence for Business Transformation, SKEMA Business School, France
Depuis 2017	Professeur adjoint, Business Science Institute, Luxembourg
Depuis 2017	Enseignant-chercheur, SKEMA Business School, France
2022	Professeur adjoint, HEC Lausanne, Suisse
2020	Codirecteur provisionnel du MSC in Artificial Intelligence for Business Transformation, SKEMA Business School, France
2003 - 2016	Professeur en systèmes d'information, John Molson School of Business - Concordia University, Canada
2013	Chargé de cours, HEC Montréal, Canada
2012 - 2013	Année sabbatique, HEC Montréal, Canada
2002 - 2003	Enseignant, Louisiana State University, Etats-Unis d'Amérique

Autres affiliations académiques

1999 - 2003 Assistant, Louisiana State University, Etats-Unis d'Amérique

Autres expériences professionnelles

2006 - 2008 Développeur web, Bible Truth and Church Service Training, Etats-Unis d'Amérique

1997 - 1999 Analyste des systèmes informatiques, Roofers Equipment Mart/Lakefront Supply, Etats-Unis d'Amérique

1997 Computer Systems Analyst, Cornerstone Community Outreach, Etats-Unis d'Amérique

Contrats de recherche, prix et distinctions

Prix et distinctions

2024 Prix SKEMA Way of Learning, SKEMA Business School, France

2022 Prix d'innovation pédagogique, SKEMA Business School, France

2022 Labellisation de dispositif pédagogique : Cours de Business Intelligence with Data Mining, Fondation nationale pour l'enseignement de la gestion des entreprises (FNEGE), France

2022 Prix d'excellence de la faculté pour l'expérience d'apprentissage, SKEMA Business School, France

2021 AIS Distinguished Member Cum Laude, Association for Information Systems (AIS)

2020 Outstanding Achievement: Category: Teaching and Learning Series, SKEMA Business School, France

2016 Meilleur évaluateur, Communications of the Association for Information Systems, Association for Information Systems (AIS)

2016 Mention honorable : Prix d'évaluateur, Journal of the Association for Information Systems, Association for Information Systems (AIS)

2003 Doctoral Consortium, Global Information Technology Management Association

2002 Nomination: Best Paper in Collaboration Systems and Technology Track, Hawaii International Conference on System Sciences

Publications

Articles académiques revus

OKOLI, C. (2026). Differential and Expositional Definitions: Flexible Yet Precise Specifications of Required or Optional Attributes. *International Journal of Management Concepts and Philosophy*, 19(1), pp. 130-148.

MESGARI, A., OKOLI, C. et ORTIZ DE GUINEA, A. (2026). Affordance-Based Information Technology Sensemaking (ABITS). *Business and Information Systems Engineering*, 68, pp. 279–296.

ALKHUDARY, R., BRUSSET, X. et OKOLI, C. (2026). In blockchain we trust? A critical review of blockchain in supply chains. *Systèmes d'Information et Management*.

BENYAKHLAF, M., LAMKADEM, A. et OKOLI, C. (2025). Riding the paradox: how AI consultants manage the tradeoff between explainability and performance. *Information Systems Management*, 42(4), pp. 663-678.

OKOLI, C. (2023). Inductive, Abductive and Deductive Theorising. *International Journal of Management Concepts and Philosophy*, 16(3), pp. 302-316.

MESGARI, M., OKOLI, C. et ORTIZ DE GUINEA, A. (2019). Creating Rich and Representative Personas by Discovering Affordances. *IEEE Transactions on Software Engineering*, 45(10), pp. 967-983.

MESGARI, M. et OKOLI, C. (2019). Critical review of organization-Technology Sensemaking: towards technology materiality, discovery and action. *European Journal of Information Systems*, 28(2), pp. 205-232.

MEHDI, M., OKOLI, C., MESGARI, M., NIELSEN, F. et LANAMÄKIE, A. (2017). Excavating the mother lode of human-generated text: A systematic review of research that uses the Wikipedia corpus. *Information Processing and Management*, 53(2), pp. 505-529.

OKOLI, C. (2015). A Guide to Conducting a Standalone Systematic Literature Review. *Communications of the Association for Information Systems*, 37, pp. 879-910.

MESGARI, M., OKOLI, C., MEHDI, M., NIELSEN, F.A. et LANAMÄKIE, A. (2015). "The sum of all human knowledge": A systematic review of scholarly research on the content of Wikipedia. *Journal of the Association for Information Science and Technology*, 66(2), pp. 219-245.

OKOLI, C., MEHDI, M., MESGARI, M., NIELSEN, F.A. et LANAMÄKIE, A. (2014). Wikipedia in the eyes of its beholders: A systematic review of scholarly research on Wikipedia readers and readership. *Journal of the Association for Information Science and Technology*, 65(12), pp. 2381-2403.

OKOLI, C. et CARILLO, K. (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. et 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.

DATTA, P., MBARIKA, V. et OKOLI, C. (2010). Extending the Social Identity of Information Systems: Telemedicine Transfer to Sub-Saharan Africa. *Journal of Information Technology Research (JITR)*, 3(2), pp. 18-33.

OKOLI, C., MBARIKA, V. et MCCOY, S. (2010). The effects of infrastructure and policy on e-business in Latin America and Sub-Saharan Africa. *European Journal of Information Systems*, 19(1), pp. 5-20.

CARILLO, K. et OKOLI, C. (2009). The Open Source Movement: A Revolution in Software Development. *Journal of Computer Information Systems*, 49(2), pp. 1-9.

OKOLI, C. et OH, W. (2007). Investigating recognition-based performance in an open source community: A social capital perspective. *Information and Management*, 44(3), pp. 240-252.

OKOLI, C. (2007). The Internet competitive landscape: Insights from organisational ecology. *International Journal of Business Environment*, 1(4), pp. 411-427.

YAO, Y., OKOLI, C., HOUSTON, A. et WATSON, E. (2006). Demographic Differences in Attitudes toward Remote Electronic Voting Systems. *Journal of Computer Information Systems*, 47(2), pp. 34-45.

CHEN, Y.S., OKOLI, C. et LIHUA, H. (2005). Strategic growth of firms in the digital economy: A Simonian research agenda. *Journal of Information Technology Theory & Application*, 7(2), pp. 37-52.

DATTA, P., BYRD, T.A., OKOLI, C. et MBARIKA, V. (2005). The neglected continent of IS research: A research agenda for Sub-Saharan Africa. *Journal of the Association for Information Systems*, 6(5), pp. 130-169.

HOUSTON, A., YAO, C., OKOLI, C. et WATSON, E. (2005). Will remote electronic voting systems increase participation? *Electronic Government: An International Journal*, 2(3), pp. 353-368.

OKOLI, C. (2004). Models of Internet market share strategic planning for e-market systems. *International Journal of Management and Information Systems*, 2(1), pp. 24-29.

OKOLI, C. et PAWLOWSKI, S. (2004). The Delphi method as a research tool: An example, design considerations and applications. *Information and Management*, 42(1), pp. 15-29.

OKOLI, C. et MBARIKA, V. (2003). A framework for assessing e-commerce in Sub-Saharan Africa. *Journal of Global Information Technology Management*, 6(3), pp. 44-66.

OKOLI, C. et REILLY, R. (2003). The Information Satisfaction and Use Model: A Comprehensive Framework That Includes Perceived Value, Disconfirmation, and Response to Feedback. *Journal of Business and Behavioral Sciences*, 10.

Ouvrages et édition d'ouvrages

OKOLI, C. (2010). *Experts Speak on E-business in Sub-Saharan Africa: A Theoretical Model of Infrastructure and Culture for Doing Business Using the Internet on the Dark Continent*. Vdm Verlag Dr.Muller, 128 pages.

Chapitres d'ouvrage

CARILLO, K. et OKOLI, C. (2006). Open source software communities. Dans: Subhasish Dasgupta (ed.). *Encyclopedia of virtual communities and technologies*. 1st ed. Information Science Publishing, pp. 363-368.

OKOLI, C. et CARILLO, K. (2006). Intellectual property rights in open source software communities. Dans: Subhasish Dasgupta (ed.). *Encyclopedia of virtual communities and technologies*. 1st ed. Information Science Publishing, pp. 285-291.

TAN, J., KIFLE, M., MBARIKA, V. et OKOLI, C. (2005). E-medicine diffusion: E-medicine in developed and developing countries. Dans: Joseph Tan (ed.). *E-health paradigm shift: Perspectives, domains and challenges*. 1st ed. Jossey-Bass.

Articles académiques non revus

OKOLI, C., AMADO DUARTE, D. et MATTAR, J. (2019). Guia Para Realizar uma Revisão Sistemática de Literatura. *EaD em Foco*, 9(1).

Documents de recherche

OKOLI, C. (2023). *Statistical inference using machine learning and classical techniques based on accumulated local effects (ALE)*. 2310.09877, Ithaca, NY: arXiv.

OKOLI, C. (2022). *Developing Theory from Literature Reviews with Theoretical Concept Synthesis: Topical, Propositional and Confirmatory Approaches*. 3452134, SSRN Electronic Journal.

OKOLI, C. (2022). *The Enabled Structure View of Real Mechanisms: An Unambiguous Account of Events and Mechanisms, Structure and Agency in Critical Realist Theories*. 4217924, SSRN Electronic Journal.

OKOLI, C. (2022). *Mapping Typical Theoretical Conceptualizations to Critical Realism: Variance and Process Theories*. 4244251, SSRN Electronic Journal.

OKOLI, C. (2021). *Inductive, Abductive and Deductive Theorizing*. 3774317, SSRN Electronic Journal.

Actes d'une conférence

EL ARABATY, A. et OKOLI, C. (2023). Factors that Affect Consumer-to-Consumer Sales: An Inductive Predictive Analytics Approach. *Association for Information Systems*, 29.

OKOLI, C. (2019). Definitional Definitions and the Bare Minimum of Theory.

OKOLI, C. (2019). A citation analysis of theoretical concept reviews.

MESGARI, M., OKOLI, C. et ORTIZ DE GUINEA, A. (2015). Affordance-based User Personas: A Mixed-Method Approach to Persona Development.

OKOLI, C. et WANG, N. (2015). Business Models for Online Education and Open Educational Resources: Insights from a Delphi Study.

OKOLI, C. et NGUYEN, J. (2015). Business Models for Free and Open Source Software: Insights from a Delphi Study.

MESGARI, M. et OKOLI, C. (2015). Ecological Approach to Technology Sensemaking.

OKOLI, C. et ZHANG, W. (2014). From Pests to Pets: Effects of Open Content Licensing on the Distribution of Music.

OKOLI, C. et CARILLO, K. (2013). Beyond open source software: framework and implications for open content research.

OKOLI, C. et SCHABRAM, K. (2009). Protocol for a systematic literature review of research on the Wikipedia.

OKOLI, C., SCHABRAM, K. et KADER, B. (2009). From the Academy to the Wiki: Practical Applications of Scholarly Research on Wikipedia.

OKOLI, C. (2009). Information product creation through open source encyclopedias.

NWABUEZE, S., MESO, P., MBARIKA, V., KIFLE, M. et OKOLI, C. (2009). The Effects of Culture on Adoption of Telemedicine in Medically Underserved Communities.

OKOLI, C. (2009). A brief review of studies of Wikipedia in peer-reviewed journals.

OKOLI, C. (2005). Research proposal for e-business in developing countries: A theoretical model of national infrastructure.

OKOLI, C. (2005). Infrastructural and organizational factors enabling e-business in Sub-Saharan Africa: A case-based research proposal.

OKOLI, C. et MBARIKA, V. (2005). Expert assessments of e-business in developing countries: A theoretical model of national infrastructure.

OKOLI, C., MBARIKA, V. et MCCOY, S. (2005). Expert assessments of cultural effects on e-business in developing countries.

KIFLE, M., SOLOMON, A., MBARIKA, V. et OKOLI, C. (2004). Critical success factors for telemedicine in Ethiopia.

SOLOMON, A., KIFLE, M., MBARIKA, V. et OKOLI, C. (2004). Telemedicine endeavors in Ethiopia: Potential benefits; present challenges; and potential factors.

OKOLI, C., MBARIKA, V. et MCCOY, S. (2004). The effects of culture on e-business in Sub-Saharan Africa.

OKOLI, C. et MBARIKA, V. (2003). Electronic commerce diffusion in Sub-Saharan Africa: A Delphi study proposal.

OKOLI, C. et MBARIKA, V. (2003). Telemedicine in Sub-Saharan Africa: A Proposed Delphi Study.

CHEN, Y.S., OKOLI, C. et CHONG, P. (2003). IT businesses and franchising: A research proposal.

OKOLI, C. (2003). Experts' perceptions of infrastructural and institutional factors for effective e-commerce in Sub-Saharan Africa.

AYLU, B., OKOLI, C. et MBARIKA, V. (2003). IT training in Sub-Saharan Africa: A moderator of IT transfer for sustainable development.

OKOLI, C. (2002). Industries, information, and the Internet: An information-oriented perspective of industries.

OKOLI, C., IVES, B., JESSUP, L. et VALACICH, J. (2002). The Mobile Conference Information System: Unleashing academic conferences with wireless mobile computing.

OKOLI, C. et MBARIKA, V. (2002). Internet and electronic commerce diffusion in sub-Saharan Africa.

OKOLI, C., CHEN, Y.S. et CHONG, P. (2002). Strategic growth of firms in the digital economy: Simulation and research proposal.

Présentations dans des conférences

OKOLI, C. (2024). Reliable Inference from Human-Centred Datasets with Accumulated Local Effects. Dans: INFORMS Annual Meeting 2024. Seattle, USA.

OKOLI, C. (2024). Model-Agnostic Interpretability: Effect Size Measures from Accumulated Local Effects (ALE). Dans: INFORMS Workshop on Data Science 2024. Seattle.

FEUILLET, C., POULINGUE, G., DOU, W., OKOLI, C. et PAGANI, M. (2023). Axes de développement avec l'IA dans une école globale. Dans: Symposium L'IA dans l'éducation. Montréal.

MESGARI, M., OKOLI, C. et ORTIZ DE GUINEA, A. (2022). Theory Mining for Information Systems Research. Dans: Special Issue Workshop of the Journal of Information Technology on Next-Generation IS Research Methods. Copenhagen (online presentation).

OKOLI, C. (2022). Business Intelligence with Data Mining: An Example of a Large, Interactive, Asynchronous Online Course. Dans: International Perspectives on Online and Blended Learning Workshop. Suzhou, China (online).

OKOLI, C. (2021). What does theoretical contribution mean in literature reviews? The effect of theoretical concept synthesis. Dans: MIS Quarterly Author Development Workshop. Virtual.

OKOLI, C. (2021). Developing Theory With Literature Reviews: Theoretical Concept Synthesis. Dans: Institut Mines-Télécom Business School. Evry-Courcouronnes.

ALKHUDARY, R., BRUSSET, X. et OKOLI, C. (2021). In blockchain we trust? A critical review of blockchain in supply chains. Dans: MIS Quarterly Author Development Workshop. Virtual.

ALKHUDARY, R., BRUSSET, X. et OKOLI, C. (2020). A Theory of Trust and Performance with Blockchain in Supply Chains. Dans: JAIS Theory Development Workshop. Baylor.

OKOLI, C. (2016). Business models for open educational resources. Dans: OpenEDU Camp / Camp EDUlibre. Montreal.

OKOLI, C. (2016). Modèles d'affaires pour le contenu ouvert. Dans: OK Fest Montreal 2016, Montreal for Open Knowledge Foundation Canada. Montreal.

LANAMÄKIE, A., OKOLI, C. et MEHDI, M. (2011). Protocol for Systematic Mapping of Wikipedia Studies. Dans: Information Systems Research Seminar in Scandinavia. Turku.

OKOLI, C. (2006). Embedding telemedicine in its social context. Dans: ICTs and Health. Addis Abeba.

MBARIKA, V. et OKOLI, C. (2003). Critical success factors for telemedicine implementation in Sub-Saharan Africa: A qualitative overview of country cases. Dans: ITU Telecom World. Geneva.

MBARIKA, V. et OKOLI, C. (2003). Telemedicine transfer to Sub-Saharan Africa: A research proposal. Dans: Mid-South Sociological Association - Annual Meeting. Baton Rouge.

Présentations dans des séminaires de recherche

OKOLI, C. (2026). Inférence statistique inductive et apprentissage automatique interprétable avec le package R « ale ». Dans: State of the R. Palaiseau.

OKOLI, C. (2022). Developing theory with literature reviews. Dans: SMART BIS/LITEM IMT Business School Research Seminar and Workshop. Evry-Courcouronnes, France.

OKOLI, C. (2022). Developing Scholastically Novel and Practically Relevant Theoretical Contributions with Literature Reviews. Dans: HEC Lausanne. Lausanne.

Autres activités de recherche

Editeur associé d'une revue

Depuis 2024	European Journal of Information Systems
2020 - 2023	Journal of the Association for Information Systems

Relecteur pour :

International Journal of Production Economics, Information Systems Management, Journal of the Association for Information Systems, Business and Information Systems Engineering, European Journal of Information Systems, Journal of Organizational Computing and Electronic Commerce, Information and Management, Systèmes d'Information et Management, European Journal of Information Systems, Journal of Organizational Computing and Electronic Commerce, European Journal of Information Systems, Journal of the Association for Information Systems, Information Systems Journal, Journal of Management Studies, Systèmes d'Information et Management

Supervision de thèses / HDR

Depuis 2025	S. DEBNATH, SKEMA Business School, Doctorat, Co-directeur de thèse
2024	A. EL ARABATY, SKEMA Business School, Doctorat, Directeur de thèse
2016	M. MESGARI, John Molson School of Business - Concordia University, Doctorat, Directeur de thèse

Autres activités académiques

2023 - 2024	Évaluation de demandes de subvention, Fonds de recherche du Québec - Société et culture, Canada
2022	Associate Editor, International Conference on Information Systems
2021 - 2022	Évaluation de demandes de subvention, Fonds de recherche du Québec - Société et culture, Canada