Chitu OKOLI

Professor

Academy: Digitalization

Research center: SKEMA Centre for Analytics and Operations

Campus: Paris

Email: chitu.okoli@skema.edu

Research interests

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

Education

2020	HDR in Management Sciences, Université de Nantes, France
2003	Ph.D. in Business Administration, Louisiana State University, United States of America
2002	Master in Information Systems and Decision Sciences, Louisiana State University, United States of America
1996	BSc in Computer Science, Louisiana State University, United States of America

Experience

Full-time academic positions

Since 2020	Professor of Digitalization, SKEMA Business School, France
2017 - 2019	Associate Professor of Digitalization, SKEMA Business School, France
2010 - 2016	Associate Professor, John Molson School of Business - Concordia University, Canada
2003 - 2010	Assistant Professor, John Molson School of Business - Concordia University, Canada

Other academic affiliations and appointments

Since 2025	Director of MSc in Artificial Intelligence for Business Transformation, SKEMA Business School, France
Since 2017	Adjunct Professor, Business Science Institute, Luxembourg
Since 2017	Research professor, SKEMA Business School, France
2022	Adjunct Professor, HEC Lausanne, Switzerland
2020	Interim Co-Director of MSc in Artificial Intelligence for Business Transformation, SKEMA Business School, France
2003 - 2016	Professor in Information Systems, John Molson School of Business - Concordia University, Canada
2013	Instructor, HEC Montréal, Canada
2012 - 2013	Sabbatical year, HEC Montréal, Canada
2002 - 2003	Instructor, Louisiana State University, United States of America

Other academic affiliations and appointments

1999 - 2003 Graduate Assistant, Louisiana State University, United States of America

Other professional experiences

2006 - 2008 Web Application Developer, Bible Truth and Church Service Training, United States of America

1997 - 1999 Employee Administrator/Computer Systems Analyst, Roofers Equipment Mart/Lakefront Supply, United States of America

1997 Computer Systems Analyst, Cornerstone Community Outreach, United States of America

Research grants, Awards and Honors

Awards and Honors

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

2022 Pedagogical Innovation Prize, SKEMA Business School, France

2022 Certification of pedagogical device: Course on Business Intelligence with Data Mining, Fondation nationale pour l'enseignement de la gestion des entreprises (FNEGE), France

2022 Faculty Excellence Award for Learning Experience, 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 Best Reviewer, Communications of the Association for Information Systems, Association for Information Systems (AIS)

2016 Honorable Mention: Reviewer Award, 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

Peer-reviewed journal articles

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

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

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

OKOLI, C. and 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. and 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. and 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. and 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. and 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. and 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. and 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. and 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.

Books and book editor

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.

Book chapters

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

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

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

Non peer-reviewed journal articles

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

Working papers

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.

Conference proceedings

EL ARABATY, A. and 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. and ORTIZ DE GUINEA, A. (2015). Affordance-based User Personas: A Mixed-Method Approach to Persona Development.

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

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

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

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

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

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

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

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

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

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

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

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

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

CHEN, Y.S., OKOLI, C. and 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. and 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. and VALACICH, J. (2002). The Mobile Conference Information System: Unleashing academic conferences with wireless mobile computing.

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

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

Conference presentations

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

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

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

MESGARI, M., OKOLI, C. and ORTIZ DE GUINEA, A. (2022). Theory Mining for Information Systems Research. In: 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. In: 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. In: MIS Quarterly Author Development Workshop. Virtual.

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

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

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

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

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

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

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

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

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

Faculty research seminar presentations

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

OKOLI, C. (2022). Developing theory with literature reviews. In: 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. In: HEC Lausanne. Lausanne.

Other research activities

Senior or associate editor

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

Reviewer for:

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

PhD supervision

Since 2025	S. DEBNATH, SKEMA Business School, PhD thesis, Thesis co-director
2024	A. EL ARABATY, SKEMA Business School, PhD thesis, Thesis director
2016	M. MESGARI, John Molson School of Business - Concordia University, PhD thesis, Thesis director

Other academic activities

2023 - 2024	Grant application evaluation, Fonds de recherche du Québec - Société et culture, Canada
2022	Associate Editor, International Conference on Information Systems
2021 - 2022	Grant application evaluation, Fonds de recherche du Québec - Société et culture, Canada