



**Carin VENTER**

**Ph.D. in Information technology**

**Associate Professor, Management of Information Systems**

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## **EDUCATION**

- 2016** Ph.D. in Information technology, North West University , South Africa
- 2004** Master, IT, Management of Information Systems, University of Witwatersrand, South Africa
- 2000** Bachelor, IT, Information technology, North West University , South Africa

## **RESEARCH INTERESTS**

Management Information Systems

## **PROFESSIONAL EXPERIENCE**

### **ACADEMIC:**

- 2022 - Present** Senior Professor of Practice, IÉSEG School of Management, France
- 2020 - 2022** Associate Professor, North West University , Potchefstroom, South Africa
- 2018 - 2019** Deputy Director, North West University , Potchefstroom, South Africa
- 2016 - 2017** Senior Lecturer, North West University , Potchefstroom, South Africa

### **PROFESSIONAL:**

- 2000 - 2015** Business Analyst and Consultant, SASOL, Sasolburg/Johannesburg, South Africa

## **COURSES TAUGHT**

- Algorithmic thinking and programming structures, Grande ecole (bachelor cycle)
- Power platform: low code application development, Grande ecole (bachelor cycle)
- Data visualization, Grande ecole (master cycle)
- The data analytics lifecycle, Post graduate program
- Programming with python, Grande ecole (master cycle)

- Low code application development, Grande ecole (bachelor cycle)
- Introduction to artificial intelligence, Grande ecole (bachelor cycle)
- Ethics of ai
- Automation: implementation in business
- The digital divide: investigating perspectives of students in swaziland
- Investigating perceptions of stakeholders' positions, activities and specialisations at a serious game interest area
- Guidelines for the effective use of audio-visual technology in lecture rooms at north-west university
- Guidelines to improve the use of knowledge management systems as intended: the perspective of end-users
- Data warehousing

## INTELLECTUAL CONTRIBUTIONS

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### Papers in refereed journals

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#### Published

Venter C., (2021), A Reflection on SSM as a Critical Social Action Research Method: Towards Improvement of Project Governance, *Electronic Journal of Business Research Methods*, 18(2), pp. 142-152

Venter C., Kiefer T., (2021), The Digital Divide in Eswatini: Viewpoints of the Millennials, *International Journal of Digital Society*, 12(2), pp. 1721-1728

Van Der Merwe L., Groenewald M., Venter C., Scrimnger-Christian C., Bolofo M., (2020), Relating Student Perceptions of Readiness to Student Success: A Case Study of a Mathematics Module, *Heliyon*, 6(11), pp. E05204

Venter C., (2019), A Critical Systems Approach to Elicit User-Centric Business Intelligence Business Requirements, *Systemic Practice and Action Research*, 32(5), pp. 481-500

Venter C., (2019), Teaching of Essential Professional Skills Required by IT Graduates, *International Journal of Digital Society*, 10(4), pp. 1541-1548

Venter C., Goede R., (2018), A Report and Reflection on an Application of Critical Systems Practice to Improve a Business Intelligence System's Business Requirements, *Systems Research and Behavioral Science*, 35(5), pp. 548-563

Venter C., Goede R., (2016), The Use of Critical Systems Heuristics to Surface and Reconcile Users' Conflicting Visions for a Business Intelligence System, *Systemic Practice and Action Research*, 30(4), pp. 407-432

#### Forthcoming

Mmatloa P., Venter C., (2024), The Use of Critical Social Heuristics to Explore Enhancement of Benefits Realization of a Knowledge Management Systems, *Systemic Practice and Action Research*, 38(1), pp. 1-19

### Communications in refereed conferences

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#### International

Venter C., (2025), *Shortcut or Setback? GenAI in Coding Courses* Americas Conference on Information Systems, Montréal, Canada

Venter C., (2024), *Generation AI: Are They Still Learning Anything New?* AMCIS, Salt Lake City, USA

### Published

Venter C., (2020), A Reflection on SSM to Improve Organisational Risk-Based Project Governance and Decision Support Mechanisms, in: Manuel Au-Yong-Oliveria and Carlos Costa (The University of Aveiro)(Eds.) in *Proceedings of the 19th European Conference on Research Methods, Academic Conferences and Publishing International Limited, Reading, pp. 300-308*

Venter C., (2019), Project Governance: A Systems Approach Towards Simpler, Better and Faster, in: Jennifer Wilby(Eds.) in *63rd Annual Proceedings of the ISSS Meeting, PKP Publishing Services Network, Burnaby*

Moletsane R., Venter C., (2018), Electronic Waste and its Negative Impact on Human Health and the Environment, in: IEEE(Eds.) in *2018 International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD), IEEE, New York*

Moletsane R., Venter C., (2018), The 21st Century Learning Environment Tools as Electronic Waste, in: S. I. Ao and Craig Douglas and W. S. Grundfest(Eds.) in *Proceedings of the World Congress on Engineering and Computer Science 2018, Newswood Academic Publishing, Hong Kong*

Moletsane R., Venter C., (2018), Transboundry Movement of Electronic Waste, Issues and Challenges in African Countries, in: IEEE(Eds.) in *2018 International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD), IEEE, New York*

Myburgh I., Venter C., (2018), Investigating Communication Skills required by Data Warehouse Graduates upon entering the Workplace, in: Shaun Pather(Eds.) in *ICICKM 2018 15th International Conference on Intellectual Capital Knowledge Management & Organisational Learning, Academic Conferences and Publishing International Limited, London*

Venter C., (2018), A Practical Application of Total Systems Intervention and Critical Systems Heuristics: Towards Improvement of Business Intelligence Business Requirements, in: Paola Demartini; Michela Marchiori(Eds.) in *ECRM 2018 17th European Conference on Research Methods in Business and Management, Academic Conferences and Publishing International Limited, London*

Venter C., (2018), Towards Serving the Data Warehousing/Business Intelligence Industry Better: Enrichment of a Postgraduate Course, in: T. Bastiaens, J. Van Braak, M. Brown, L. Cantoni, M. Castro, R. Christensen, G. Davidson-Shivers, K. DePryck, M. Ebner, M. Fominykh, C. Fulford, S. Hatzipanagos, G. Knezek, K. Kreijns, G. Marks, E. Sointu, E. Korsgaard Sorensen, J. Viteli, J. Voogt, P. We(Eds.) in *EdMedia: World Conference on Educational Media and Technology, Association for the Advancement of Computing in Education, Waynesville, pp. 966-975*

Venter C., Myburgh I., (2018), Adapting a DW/BI Module for Gen-Z Students: An Action Design Research Study, in: Ntalianis, K. et al.(Eds.) in *17th European Conference on e-Learning (ECEL 2018), Academic Conferences and Publishing International Limited, London*

Mushonga C., Pretorius P., Venter C., De Villiers D., (2017), The use of Text Mining to Improve Knowledge Discovery in the Project Environment, in: Goreti Marreiros, Joana Urbano(Eds.) in *18th EPIA Conference on Artificial Intelligence 2017, Portuguese Association for Artificial Intelligence, pp. 73-86*

Venter C., (2017), Critical Reflection on a Data Warehouse/Business Intelligence Course: Does It Prepare Students to be Successful Practitioners?, in: Janet Liebenberg(Eds.) in *Proceedings of the 46th Annual Conference of the Southern African Computer Lecturers' Association (SACLA 2017), South African Computer Lecturers' Association, pp. 46-58*

Venter C., Goede R., (2017), A Practical Application of Critical Systems Thinking to Improve a Business Intelligence System's Business Requirements, in: Jennifer Wilby(Eds.) in *Proceedings of the 61st Meeting of the International Society for the Systems Sciences, PKP Publishing Services Network, Burnaby*

Venter C., Goede R., (2015), A Critical Systems Approach to Business Intelligence System Development, in: Jennifer Wilby(Eds.) in *Proceedings of the 59th Annual Meeting of the International Society for the Systems Sciences, PKP Publishing Services Network, Burnaby*

## Chapters in books

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### Published

Venter C., Myburgh I., (2023), Student-Centered Learning: A Design Science Approach to Teach Millennials, in: Charles A. Shoniregun, Brett J. Holt(Eds.), *Learning and Teaching Methodologies Volume 2, 978-1-913572-17-4, Infonomics Society, London, chapter 2, pp. 1-16*

