



## THE EVOLVING RESEARCH ENVIRONMENT. ADAPT OR DIE IN THE ARTIFICIAL INTELLIGENCE ERA.

The workshop is inspired by the rapid adapt or die changes we saw worldwide due to the pandemic. Specifically, just how rapid things can change in a second beyond our wildest imagination. An adapt or die kind of world especially, with technology in organisations. Over the past two years, some organisations adapted have rebirthed themselves – and most are thriving.

Life moves quickly, so if you do not look around you once in a while, you could miss it!

### PROGRAMME

10:00 Setting the scene  
Programme Director Prof R De La Harpe  
SBL Adjunct Faculty

10:05 Opening and Welcome  
Prof Nhlanhla Mlitwa  
SBL Research Director

10h15 Introduction on the presenter  
Prof R De La Harpe  
SBL Adjunct Faculty

10:20 Keynote presentation:  
Prof Samuel Fosso Wamba  
Associated Dean of Research at TBS Education, France  
**Topic: *Assessing AI Capabilities in Operations Management: Going from a bibliometric analysis to Empirical Studies.***

#### Respondent

Prof Walter Matli  
SBL Digital Transformation and Innovation

#### Questions and Answers session

#### Break

12:15: Introduction on the presenter  
Prof R De La Harpe  
SBL Adjunct Faculty

12:20 Dr Mourine Achieng  
SBL Post-Doctoral Fellow  
**Topic: *Rethinking the narrative of education in sub-Saharan Africa in a digital age.***

#### Respondent

Prof Walter Matli  
SBL Digital Transformation and Innovation

#### Questions and Answers session

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#### Closure

Prof Nhlanhla Mlitwa



# UNISA 2022 OPEN DISTANCE AND e-LEARNING VIRTUAL CONFERENCE 2 August 2022

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## BIO

# DR. SAMUEL FOSSO WAMBA

Dr. Samuel Fosso Wamba is the Associated Dean of Research at TBS Education, France. He is also a Distinguished Visiting Professor at The University of Johannesburg, South Africa, and at the UCSI Graduate Business School, UCSI University, Malaysia. He earned his Ph.D. in industrial engineering at the Polytechnic School of Montreal, Canada. His current research focuses on the business value of information technology, inter-organizational systems adoption, use and impacts, supply chain management, electronic commerce, blockchain, artificial intelligence for business, social media, business analytics, big data, and open data. He leads the Center of Excellence in Artificial Intelligence & Business Analytics at TBS Education. He is among the 2% of the most influential scholars globally based on the Mendeley database that includes 100,000 top scientists for 2020 and 2021. He ranks in ClarivateTMs 1% most cited scholars in the world for 2020 and 2021 and in CDO Magazine's Leading Academic Data Leaders 2021. Based on the Research.com 2021 ranking, he is France's 3rd top business and management scientist.

## Assessing AI Capabilities in Operations Management: Going from a bibliometric analysis to Empirical Studies

Artificial intelligence (AI) has been seen as the next productivity frontier for its high capability to transform almost all aspects of intra-and-inter-organizational operations across industries. Yet very few empirical studies have been conducted to assess the actual value of AI. This talk will first present some insights from a bibliometric analysis of 40147 documents retrieved from the Web of Science database dealing with a "good AI society." Then, we will present and discuss some of the findings from a sample of our recent empirical studies, including one study that investigates the impacts of AI assimilation on firm performance. Then, the study explores the mediating effects of organizational and customer agility on the relationship between AI assimilation on firm performance, using a sample of 205 supply chain executives in the USA. The second study will look at the impacts of AI-enabled entrepreneurial capabilities on innovation and performance using a sample of 303 IT and business decision-makers in the USA. Finally, we will discuss some potential research opportunities related to AI-enabled operations management.

