Information Systems Integration, Intelligence and Automation – Precursors to the Fourth Industrial Revolution

Integration, automation and achieving some level of intelligence in ICT systems is of cardinal importance to amass the benefits of the Fourth Industrial Revolution (4IR). This seminar explores the baseline concepts that need to be explored in designing contemporary systems in the era of the 4IR. The discussion is premised on the design and interpretation of contemporary e-Government systems that give promise to delivering public services anywhere and anytime. To achieve this, a specific aspect of emerging e-Government, namely the design of AI-Augmented government systems employing robotic process automation is explored. The seminar further explores the enlarged scope and spread of e-Government, including design of information architectures and smart cities. The session concludes with a focus on-going research and collaboration opportunities at the Center for Data Science, University of Johannesburg. The main premise of this public lecture is to explore emerging areas in e-Government from a multi-disciplinary perspective.

About the Facilitator

Prof Kelvin Joseph Bwalya is a full professor of Business Information Systems and Knowledge Management at the School of Consumer Intelligence and Information Systems, University of Johannesburg. Prof Bwalya is an established C1 NRF rated (Established Researcher) and experienced international consultant in applied aspects of computer information systems and information management. He holds a PhD from the University of Johannesburg, a Masters in Computer Science from the Korea Advanced Institute of Science and Technologyand Bachelors in Electrical Electronics Engineering (Moscow PE Technical University).

Prof Bwalya has worked as a Senior Researcher at Samsung Electronics (Taejŏn, South Korea) specializing in Digital Image Processing and MPEG 7/21 Digital Media Adaption. He has also worked at the University of Botswana as a senior academic. Prof Bwalya has delivered over 15 keynote speeches on topics surrounding e-Government, blockchain and smart cities in five different countries. His research interests include business process automation, business process as a service (BPaaS), block chains, ambient intelligence, Big Data and predictive analytics, business intelligence, and cloud and fog computing. Prof Bwalya is currently the Vice-Dean for Research in the College of Business and Economics where he has pioneered a strong research culture.

Registration link:

https://www.nust.na/?q=bon-public-lecture-registration-form

Date: Wednesday, 03 November 2021

Time: 18:00 - 19:30

Venue: Auditorium 1, NUST Lower Campus and Bank of Namibia Facebook Page

Due to limited spaces, kindly ensure to register for in person attendance.

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