



**INDUSTRY 4.0
WORKSHOP**

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Preparing for the Fourth Industrial Revolution

Every industry—manufacturing, transport, agriculture, education—is being disrupted and transformed beyond recognition by Industry 4.0. Industry 4.0, through automation, integration systems, data collection and data analysis, can help to inform industry and government on how decisions can be made about competitiveness, about manufacturing, and about the re-skilling of people in low-skill jobs. There are many opportunities in various sectors where Industry 4.0 in a broad sense can assist the industry to be more competitive, where they can access new markets and where new industrial development opportunities are very evident.

Date: 6 June 2018

Time: 14:00

Venue: Emerald

**Facilitator: Shaakira
Karolia**

14:00: Topic: Welcome address

Speaker: Shaakira Karolia

14:10 Topic: Fourth Industrial Revolution: Hype or hyper-engine for growth?

Speaker: Fuad Siddiqui, Senior Partner, Nokia Bell Labs

14:30 Topic: Leapfrogging Industrialisation: Africa's greatest Industry 4.0 opportunities

Speaker: Conrad Kassier, Industrial Energy Efficiency Consultant, UNIDO

14:50 Dialogue with the audience: What does Industry 4.0 mean to your industry? What are the perceived threats and opportunities?

15:20 BREAK

15:30 Topic: AI and the future of work

Speaker: Pepper, the humanoid robot

15:50 Topic: Smart approaches to manufacturing infrastructure

Speaker: Stephan Kotze, Market Director of Manufacturing, Aurecon

16:10 Topic: Technology development and entrepreneur support towards Industry 4.0

Speaker: Vusi Skosana, Acting Executive and Head: Technology Stations

16:30 Panel Discussion: Is South Africa ready for the Fourth Industrial Revolution?

Panelists: Dr Mjumo Mzyece, Innovation Hub, Renai Moothilal, Executive Director, National Association of Automotive Component and Allied Manufacturers, (Naacam), Dereshin (Dees) Pillay, Head of Manufacturing & Automotive at T-Systems South Africa, Fuad Siddiqui, Conrad Kassier, Stephan Kotze, Vusi Skosana, Heinrich Stoltz, Business Development Manager Transportation SGS South Africa (Pty) Ltd

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FUAD SIDDIQUI

Fuad Siddiqui is the Senior Partner for Strategy and New Markets Consulting at Bell Labs Consulting with a focus on business strategy and future value creation. He is Head of Consulting, growth markets: Middle East, Africa, Asia-Pacific and Japan regions and brings 20+ years of experience driving business for ICT clients across global markets.



CONRAD KASSIER

Conrad is an alumnus from the Erasmus Mundus Global Studies Scholarship, currently based at UNIDO in Pretoria, in the Southern Africa Regional Office for Industrial Energy Efficiency projects' implementation.



PEPPER

PEPPER for Business Edition, developed by Aldebaran Softbank Robotics, is a programmable humanoid robot, designed to be used in professional environments. Pepper is the latest product of the Aldebaran Softbank Robotics company which developed the famous NAO robot.



STEPHAN KOTZE

Stephan Kotze is Client Director Manufacturing – Africa at Aurecon. Kotze has deep experience of the manufacturing and resources sectors that he can use to help manufacturers realise opportunities around supply chain, asset optimisation, portfolio, programme and project optimisation and the digitisation of infrastructure.



VUSI SKOSANA

Vusi Skosana's educational background is in Mechanical Trade and Mechanical Engineering obtained from the Vaal University of Technology. He is currently the Acting Executive for the Innovation Enabling and Support division.



DR MJUMO MZYECE

Dr. Mjumo Mzyece is Senior Manager: Smart Industries at The Innovation Hub, a subsidiary of the Gauteng Growth and Development Agency (GGDA). He has extensive international experience in the ICT industry, having been in various operational, management, R&D, academic and consulting roles in leading organisations, including IBM in the United States, Econet Group and Agilent Technologies



RENAI MOOTHILAL

Renai Moothilal is Executive Director, National Association of Automotive Component and Allied Manufacturers.



DERESHIN PILLAY

Dereshin (Dees) Pillay, Head of Manufacturing & Automotive at T-Systems South Africa Consultative digital business enablement specialist in our new digital age. Specialising in creating efficiencies and new revenue streams in you organisation, taking Industry 4.0 and making it a sustainable strategy and approach for your organisation.



HEINRICH STOLTZ

Heinrich Stoltz is a Business Development Specialist employed by SGS South Africa, who partners with Automotive OEM's and Automotive Tier1 suppliers to improve the quality of their product experience, and the quality of inbound parts and components produced in the value chain.