

# TECHNOLOGY IN EDUCATION CONFERENCE

16-17 MAY  
2019

Emperors Palace  
Convention Centre

JOHANNESBURG



## Objectives

- To learn the benefits of technology in education
- To explore ways of balancing between technology and socialisation
- To find ways of bringing educational technology to all students at low cost
- To learn from successful case studies around the world and come up with models that work locally
- To find ways of integrating technology in the lecture theatres, as a core value, not just a supplement

**EXHIBITION SPACE  
AVAILABLE!!!**

## SPEAKERS

### Kerry Curtin

Business Unit Manager;  
Financial Institutions  
AON

**Kopano Ntsoane**  
CEO  
MODERN GAMING

**Riaan Van der Bergh**  
Education Technology  
Manager  
GAUTENG FEDSAS

### Dr Bill Price

CEO  
GLOBAL AFRICA  
INSTITUTE OF LEADING

### Myles Thies

Director;  
Digital Learning Services  
EIFFEL CORP

**Laura Jelly**  
Inclusion Facilitator  
iSCHOOLAFRICA

**Ian Bayley**  
Executive Head:  
Education  
SIS GLOBAL

### Heinrich Dirk

Professional Learning Officer  
VIA AFRIKA

**Jonathan Mundell**  
CEO  
IN ON AFRICA

**Bronwyn Desjardins**  
Educational Technology Coach  
ST STITHIANS COLLEGE

**Kobus van Wyk**  
CEO  
ADESSA

### Vusi Maseko

Manager eLearning  
SOUTH WEST GAUTENG  
TVET COLLEGE

**Kenneth Munetsi**  
Account Manager  
SNAPPLIFY

**Zaheerah Pochee**  
Facilitator  
iSCHOOLAFRICA



## Background

In the beginning, the only form of employment available to people in this world was in agriculture. Then the industrial revolution changed all that; the discovery of science, minerals and the need for value addition has meant that people now work in industries that they never dreamed of just a few years back. Now that we have entered the Information Age where our children are digital natives, the pace of innovation has been so rapid that jobs the children will do tomorrow might not even exist yet. The challenge is in equipping the future generations with the right learning materials that will set them ready for the next digital wave – and to achieve this, our classrooms today will need to embrace technology in education.

Educational technology is the practice of facilitating learning and improving performance by creating, using, and managing appropriate technological processes and resources. Today's generation of students are growing up in a digital world where using digital devices is a huge part of their everyday experience out of school. Through the internet, they have access to a wealth of digital content. With all of this so intrinsic to their 'outside school' experience, the challenge for the teaching profession is how to harness all this for learning within the classroom and at home. For instance, today's generation has much lower need for physical libraries, the traditional resource used by students half a generation ago. Learning styles are changing, and teachers need to adapt their teaching styles accordingly.

While questions have been rightly asked about the impact of ICT on learning outcomes, there have been tangible results, which have seen students benefiting through engagement, motivation, independent learning, parental engagement; student and staff attendance and punctuality. Technology gives learners an opportunity to try again; without the embarrassment of being laughed at after failing the first time. It's engaging.

With the overriding emphasis being on outcomes, technological advancement in education should not be judged in and of itself; but rather in the way in which it adds value to the classroom. The focus needs to be on the learner's interaction with technology – not the technology itself. It needs to be recognised as ecological rather than additive or subtractive. The use of hardware and software like computers, projectors, holograms, virtual reality, cloud technology and biometrics should be able to aid educators in delivering the end-product to the students.

Effective technology use deploys multiple evidence-based strategies concurrently (e.g. adaptive content, frequent testing, immediate feedback), as do effective teachers. Using computers or other forms of technology can give students practice on core content and skills while the teacher can work with others, conduct assessments, or perform other tasks. Through the use of educational technology, education is able to be individualized for each student allowing for better differentiation and allowing students to work for mastery at their own pace.

Against this background, the **Technology in Education Conference** was organised to look at the principles and processes of introducing technology in the classroom, and find ways technological innovation will benefit today's students. To be held at the **Emperors Palace Convention Centre on the 16th and 17th of May 2019**, the conference will bring together policy makers, educators, technologists and elementary education experts to plot the best way forward in the education of the future leaders.

## Target Audience

Faculty Dean/Head | Programme Director  
Lecturer | Vice Chancellor | Library  
Engineer | Professor | Research Director  
Educators | Teachers  
Educational Policy Makers  
Learning Institutions | Educational  
Technology and Psychology | Instructional  
Specialists  
Edtech Specialists | Gaming Experts  
Curriculum designers | School board  
Parents | Students | ECD | Life-long  
education | Special education | University  
Research institutions HR/Training  
Business Development | Information  
Technology  
After/Cram schools | Correspondence  
services  
Startups | VC/Investors | Tech Directors  
Tech Support Staff | Chief Technology  
Officer

## Target Sectors

- Digital Learning & Teaching Platforms
- ICT solutions and infrastructure
- M-Learning Platforms & Apps
- Content and Content Management Platforms
- Tablets, devices, PCs and Laptop manufacturers and suppliers
- Government Departments
- Municipalities
- Classroom equipment and hardware service providers
- Assessment & Communication Platforms
- Security and Access control
- Management, Finance and Administration
- Special Needs and inclusive education solutions

## Areas of Interest

- Advanced Classroom Technology
- Animation and 3D Systems
- Games & Simulations
- Blended Learning
- ICT in Education
- Computer Software on Education
- Managed Learning Environments
- Digital Identity Management
- Online and mobile Learning
- Digital Libraries and Repositories
- Digital Media in Education
- Mobile Technologies
- Digital Storytelling/Video
- Security and Data Protection

# DRAFT PROGRAMME

## DAY 1: 16 MAY 2019

- 07:00 Registration and Networking
- 08:45 Opening Remarks
- 09:00 Three steps to becoming an innovative school  
Zaheerah Pochee: Facilitator: iSchoolAfrica
- 09:45 Bringing Assistive Technology into the learning environment  
• The possibilities of using technology to increase productivity without compromising quality  
Ian Bayley: Executive Head; Education: SIS Global
- 10:30 Mid-morning Break
- 11:00 Protecting students against cybercrime  
Kerry Curtin: Business Unit Manager; Financial Institutions: Aon
- 11:45 Disruption in Education: A 2,500-year-old story  
• How to Be An Effective Educator In An Increasingly Digital World  
Myles Thies: Director Digital Learning Services: Eiffel Corp
- 12:30 LUNCH
- 13:30 Live as we learn; and learn as we live  
Riaan Van der Bergh: Education Technology Manager: Gauteng FEDSAS
- 14:15 Removing Barriers to the use of technology in the learning environment  
Kobus van Wyk: CEO: ADESSA
- 15:45 E-Learning: Closing barriers to access flipped learning classes  
• Using data to transform education  
Kenneth Munetsi: Account Manager: Snapplify
- 16:30 CLOSING REMARKS; END OF DAY 1

## DAY 2: 17 MAY 2019

- 07:00 Refreshments and Networking
- 08:15 Opening Remarks
- 08:30 A neuroscience approach to teaching the brain  
• Languages, filters, levels of thinking  
• Essence integration  
Dr Bill Price: CEO: Global Africa Institute of Leading
- 10:00 Midmorning Break
- 10:30 Utilising technology to enhance learning through experience  
Vusi Maseko: Manager e-Learning: South-West Gauteng TVET College
- 11:15 Blended learning – mixing the old and the new  
• Teacher training  
Heinrich Dirk: Professional Learning Officer: Via Afrika
- 12:00 Revolutionising education in public schools  
• Steps to making technology use part of the classroom norm  
Jonathan Mundell: CEO: In on Africa
- 12:45 LUNCH
- 13:45 iPad Accessibility features for a fully inclusive classroom  
Laura Jelly: Inclusion Facilitator: iSchoolAfrica
- 14:30 Computer gaming as part of education: will computer games replace songs as the educational tool of the future?  
Kopano Ntsoane CEO: Modern Gaming
- 15:15 CLOSING REMARKS; END OF PROCEEDINGS

