



# SIXTH ANNUAL INTERNATIONAL SATN CONFERENCE 2013

UNIVERSITIES OF TECHNOLOGY:  
NEW GENERATION UNIVERSITIES TEN  
YEARS ON?

2 – 4 OCTOBER 2013

VENUE: KIEVITS KROON COUNTRY ESTATE, PRETORIA

Programme



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## WEDNESDAY, 2 OCTOBER 2013

|  |   |
|--|---|
| 11:00 - 12:00                                | Registration<br>(Venue: Kievits Kroon Country Estate, Conference Centre)  |
| 12:00 - 13:00                                | Lunch<br>(Venue: Kingsley's Restaurant)   |
| <b>PLENARY SESSION</b><br>(Venue De Kasteel) |   |
| 13:00 - 13:05                                | <b>ANNOUNCEMENTS</b><br><br><b>Chair:</b><br><b>Professor Ahmed Bawa</b><br>Vice-Chancellor and Principal<br>Durban University of Technology                  |
| 13:05 - 13:15                                | <b>WELCOME</b><br><br><b>Professor Thandwa Mthembu</b><br>Chairman of the SATN and Vice-Chancellor and Principal<br>Central University of Technology          |
| 13:15 - 13:45                                | <b>CONFERENCE OPENING</b><br><br><b>Mr Brendan Mc Aravey</b><br>Country Manager<br>Dell South Africa  |
| 13:45 - 14:15                                | <b>THE CONFERENCE IN CONTEXT</b><br><br><b>Professor Lineo Vuyisa Mazwi-Tanga</b><br>Vice-Chancellor and Principal<br>Cape Peninsula University of Technology |



## WEDNESDAY AFTERNOON, 2 OCTOBER 2013

### PLENARY SESSION (Venue: De Kasteel)

### THEME: THE SYSTEMIC AND POLICY ISSUES

**Chair:**

**Professor Ahmed Bawa**

Vice-Chancellor and Principal  
Durban University of Technology

**14:15 – 14:45**

### KEYNOTE ADDRESS

**Title: UoT Development towards a New Post School System – a Reality!**

**Dr Engela van Staden**

Chief Director: University Academic Planning and Management  
Support  
Department of Higher Education and Training

**14:45 – 15:00**

**Discussion**

**15:00 – 15:30**

**Afternoon Tea  
(Venue: Garden, in front of main venue - De Kasteel)**

**WEDNESDAY  
2 OCTOBER**



**AFTERNOON,  
2013**

**THEME: THE SYSTEMIC AND POLICY ISSUES (CONT.)**

**15:30 – 16:00**

**Title: Evaluation of a Funding Framework for Higher Education Institutions in Namibia**

***Prof Errol M Tyobeka***  
Special Advisor to the Rector  
Polytechnic of Namibia

***Prof Nnnesi A Kgabi***  
Professor of Environmental Health Sciences  
Department of Mining and Metallurgical Engineering  
Polytechnic of Namibia

**16:00 – 16:15**

***Discussion***

**18:00 for 18:30**

**COCKTAIL FUNCTION – A SHOWCASE OF  
THE ARTS**

**(Venue: Kievits Kroon Country Estate, Pool Deck Area)**

**Welcome address:**  
***Professor Nthabiseng Ogude***  
Vice-Chancellor and Principal  
Tshwane University of Technology



## THURSDAY MORNING, 3 OCTOBER 2013

08:00 - 08:30

Arrival (Tea/Coffee)  
(Venue: Garden, in front of main venue - De Kasteel)

### PLENARY SESSION (Venue: De Kasteel)

## THEME: TEACHING AND LEARNING

**Chair:**

**Professor Mashupye Kgaphola**  
Vice-Chancellor and Principal  
Mangosuthu University of Technology

08:30 – 09:00

### KEYNOTE ADDRESS

**Title:** The Role of Graduate Destination Surveys in (1) profiling Graduates most at risk of Unemployment and (2) helping to shape University-based Interventions to Aid these Students' Progression into the Labour Market.

**Dr Andre Kraak**  
Education and Training Research Consultant

09:00 – 09:15

**Discussion**



## THEME: TEACHING AND LEARNING (CONT.)

### PARALLEL SESSION 1

**Sub-theme:** Technology assisted learning

**Venue:** De Kasteel

**Chair:**

*Professor Mashupye Kgaphola*

**09:15 – 09:45** **Using Appraisal Theory to unravel Students' Voice: Facebook's Complementation of Writing Centres**

***Dr Patient Rambe***

Postdoctoral Research Fellow  
Department of Computer Science and Informatics  
University of the Free State

***Prof Crispin Chipunza***

Research Manager  
Faculty of Management Sciences  
Central University of Technology

**Sub-theme:** Professional Education

**09:45 – 10:15** **Feedback As Critical Factor In Improving Professional Development In Assessment Practices**

***Mr Heinrich Collen van der Watt***

Curriculum Development Practitioner  
Directorate: Curriculum Development and Support  
Tshwane University of Technology

***Mr Eric Matshete Chweu***

Curriculum Development Practitioner  
Directorate: Curriculum Development and Support  
Tshwane University of Technology

***Dr Cecilia Jacomina Louw***

Curriculum Development Practitioner  
Directorate: Curriculum Development and Support  
Tshwane University of Technology

**10:15 – 10:30** **Discussion**

**THURSDAY  
OCTOBER**



**MORNING, 3  
2013**

**THURSDAY MORNING, 3 OCTOBER 2013**

**PARALLEL SESSION 2**

**Sub-theme:** Work Integrated Learning

**Venue:** Buitenverwachting

**Chair:**

*Professor Anthony Staak*

**09:15 – 09:45** Cooperative Education at the Tshwane University of Technology: a New Direction for Work-Integrated Learning and Employability

*Dr Marius Wessels*

Director: Cooperative Education  
Tshwane University of Technology

**09:45 – 10:15** Community Engagement Through Action Learning: a Vehicle for Student Development

*Ms Jacqueline Scheepers*

Manager: Service Learning Unit  
Community Engagement and Work Integrated Learning Centre  
Cape Peninsula University of Technology

*Associate Prof Joyce Nothemba Nduna*

Director of Community Engagement and Work Integrated Learning  
Cape Peninsula University of Technology

**10:15 – 10:30** *Discussion*



## PARALLEL SESSION 3

**Sub-theme:** E-learning

**Venue:** Constantia

**Chair:**

*Professor Ansu Erasmus*

**09:15 – 09:45** E-Learning At Universities Of Technology – Our Strength for Our Future?

***Mr Johan Badenhorst***

Director: e-Learning and Educational Technology  
Centre for e-Learning and Educational Technology  
Central University of Technology, Free State

**09:45 – 10:15** E-assessment as Contributor to Students' Learning in Mechanical Engineering

***Mr Heinrich Collen van der Watt***

Curriculum Development Practitioner  
Directorate: Curriculum Development and Support  
Tshwane University of Technology

***Mr Samuel Nico Basson***

Instructional Designer  
Directorate: Teaching and Learning with Technology  
Tshwane University of Technology

***Mr Carel Hendrik Hancke***

Senior Lecturer  
Faculty of Engineering and the Built Environment: Mechanical Engineering  
Tshwane University of Technology

**10:15 – 10:30** *Discussion*

**THURSDAY MORNING, 3 OCTOBER 2013**





**THURSDAY  
OCTOBER**

**MORNING, 3  
2013**

**PARALLEL SESSION 4**

**Sub-theme: Student Centred Learning**

**Venue: Uitzicht**

**Chair:  
*Mr Sakkie Smit***

**09:15 – 09:45 A Self-Study of a Student-Centred Approach to Accounting Didactic Teaching**

***Mrs Anita Hiralal***  
Lecturer/Programme Co-ordinator  
School of Education  
Durban University of Technology

**09:45 – 10:15 Flipping the Classroom compared to the Lecture Method: Students' and Lecturer's perceptions**

***Dr Eunice Ivala***  
Coordinator Educational Technology Unit  
Fundani Centre for Higher Education and Development  
Cape Peninsula University of Technology

***Mr Anton Thiart***  
Lecturer, Civil Engineering  
Faculty of Engineering, Department of Civil Engineering  
Cape Peninsula University of Technology

***Mrs Daniela Gachago***  
Lecturer, Educational Technology Unit  
Fundani Centre for Higher Education and Development  
Cape Peninsula University of Technology

**10:15 – 10:30 Discussion**



**THURSDAY  
OCTOBER 2013**

**MORNING, 3**

**PLENARY SESSION**  
(Venue: De Kasteel)

**11:00 – 11:30**

**TOUCH TECHNOLOGY PRESENTATION**

SHARP Electronics – Official sponsor of all electronic equipment for the Conference

**THEME: RESEARCH, INNOVATION AND  
DEVELOPMENT**

**Chair:**

**Professor Irene Moutlana**  
Vice-Chancellor and Principal  
Vaal University of Technology

**11:30 – 12:15**

**KEYNOTE ADDRESS**

**Title: *Assessing the Research Performance of SA Universities***

**Professor Johann Mouton**  
Professor in and Director of the Centre for Research on Evaluation,  
Science and Technology  
Stellenbosch University and the African Doctoral Academy Project

**12:15 – 12:30**

***Discussion***

**12:30 - 13:30**

**Lunch**  
(Venue: Kingsley's Restaurant)

**THURSDAY****AFTERNOON, 3**

## THEME: RESEARCH, INNOVATION AND DEVELOPMENT (CONT.)

### PARALLEL SESSION 1

**Sub-theme:** UoTs Human Resources and Capacity Development

**Venue:** De Kasteel

**Chair:**

*Professor Irene Moutlana*

**13:30 – 13:40 Central University of Technology**

**Title:** *A Research and Management Model in support of Research Development*

Prof Laetus OK Lategan, Dean: Research and Innovation

**13:40 – 13:50 Cape Peninsula University of Technology**

**Title:** *Key Favourable Conditions for Capacity Development: A CPUT Case*

Dr Chris Nhlapo, Deputy Vice-Chancellor: Research, Technology, Innovation and Partnerships

**13:50 – 14:00 Durban University of Technology**

**Title:** *Creating an Enabling Research Environment- A Case Study of the Durban University of Technology*

Prof Kevin Duffy, Director – Institute for Systems Science  
Prof Sibusiso Moyo, Director – Research and Postgraduate Support

**14:00 – 14:10 Mangosuthu University of Technology**

**Title:** *Reflections on Research Development: MUT Case Study*

Prof Sandiso Ngcobo, Research Chair: Faculty of Management Sciences

**14:10 – 14:20 Tshwane University of Technology**

**Title:** *Towards a Transformative Research Agenda: Lessons from TUT Postdoctoral Fellowship Programme*

Prof Lulama Makhubela, the DVC for Postgraduate Studies, Research and Innovation

**14:20 – 14:30 Vaal University of Technology**

**Title:** *The Need for Human Resources and Capacity Development in developing a Research Culture from Scratch: Research and Innovation Development at the Vaal University of Technology*

Dr Bernadette Johnson, Executive Director: Research

**14:30 – 14:45 Discussion**

**OCTOBER 2013**



## THURSDAY AFTERNOON, 3 OCTOBER 2013

### PARALLEL SESSION 2

**Sub-theme:** UoTs: The Role of Innovation in the Research Value Chain

**Venue:** Buitenverwachting

**Chair:**

*Professor Rose Laka-Mathebula*

**13:30 – 14:00** Technology Transfer and Innovation at VUT as an Innovation Model for New Generation Universities (NGU's)

*Prof Deon de Beer*  
Executive Director  
Technology Transfer and Innovation  
Vaal University of Technology

**Sub-theme:** Post Graduate Education

**14:00 – 14:30** Perceptions of Post Graduate Students Regarding Support Required to Complete their Studies

*Prof Marie-Louise Barry*  
Associate Professor: Project Management  
Faculty of Management Sciences  
Tshwane University of Technology

*Mr Abel Motsomi*  
Faculty Statistical Consultant  
Faculty of Management Sciences  
Tshwane University of Technology

**14:30 – 14:45** *Discussion*

**THURSDAY  
3 OCTOBER**



**AFTERNOON,  
2013**

**THEME: RESEARCH, INNOVATION AND  
DEVELOPMENT (CONT.)**

**PARALLEL SESSION 3**

**Sub-theme: UoT Impact/Response to Societal Needs**

**Venue: Constantia**

**Chair:**

***Professor Gawe Nqabomzi***

**13:30 – 14:00 Innovations: Theorising Information and Communication Technology Governance into Practice**

***Ms Judith Tjiwemu***

Honours Degree Student: Business Computing  
Department of Business Computing  
Polytechnic of Namibia, Windhoek, Namibia

***Prof Tiko Iyamu***

Director  
Department of Business Computing  
Polytechnic of Namibia, Windhoek, Namibia

**14:00 – 14:30 Publish or Perish: Team Research Partnerships in Higher Education Institutions**

***Dr Dennis O. Umesiobi***

Head of Department  
Department of Agriculture  
Central University of Technology, Free State

***Prof Laetus O.K. Lategan***

Dean: Research and Innovation  
Central University of Technology, Free State

***Prof Mabokang L.E. Monnapula-Mapesela***

Dean: Academic Development and Support  
Central University of Technology, Free State

***Dr Somarie Holtzhausen***

Senior Lecturer/Researcher  
Faculty of Education  
University of the Free State

**14:30 – 14:45 Discussion**

**14:45 - 15:15**

**Afternoon Tea  
(Venue: Garden, in front of main venue - De Kasteel)**

**THURSDAY  
OCTOBER**



**AFTERNOON, 3  
2013**

**PLENARY SESSION**  
(Venue: De Kasteel)

**THEME: COMMUNITY ENGAGEMENT**

**Chair:**

**Professor Tjama Tjivikua**  
Rector  
Polytechnic of Namibia

**15:15 – 16:00**

**PANEL DISCUSSION**

**Title: Conceptualization and Implementation of Community Engagement at Universities of Technology: A Critical Analysis**

**15:15 – 15:20**

**Prof Darren Lortan**  
Executive Dean: Faculty of Applied Sciences  
Durban University of Technology

**15:20 – 15:25**

**Associate Prof Joyce Nothemba Nduna**  
Director of Community Engagement and Work Integrated Learning  
Cape Peninsula University of Technology

**15:25 – 15:30**

**Prof Mabokang Monnapula-Mapesela**  
Dean: Academic Development  
Central University of Technology

**15:30 – 15:35**

**Mr Carva Pop**  
Director: Centre for Co-operative Education  
Polytechnic of Namibia

**15:35 – 15:45**

Critical Reviewer:  
**Dr Jerome Slamet**  
Senior Director: Centre for Community Interaction  
University of Stellenbosch

**15:45 – 16:00**

**Discussion**

THURSDAY



AFTERNOON, 3

THEME: COMMUNITY ENGAGEMENT (CONT.)

## PARALLEL SESSION 1

**Sub-theme:** Contributions to Community Development through Curricular (e.g. Service-learning) and Non-curricular (e.g. Voluntary, Non-credit bearing) Community Engagement.

**Venue:** De Kasteel

**Chair:**

*Professor Tjama Tjivikua*

**16:00 – 16:30** Voluntary and Non-curricular Community Engagement: UoT Contributions to Community Development

***Ms Carol Whiting***

Language Co-ordinator  
Faculty of Business  
Cape Peninsula University of Technology

***Revd Dr Delysia Norelle Timm***

Advisor: Special Projects  
Office of the DVC Academic  
Durban University of Technology

***Associate Prof Joyce Nothemba Nduna***

Director of Community Engagement and Work Integrated Learning  
Cape Peninsula University of Technology

***Mrs Jeevarani Munsamy***

Community Engagement Manager  
Research and Innovation  
Central University of Technology

***Mrs Buyisiwe Ngidi***

Deputy Director  
Institute for Rural Development and Community Engagement  
Mangosuthu University of Technology

OCTOBER 2013



**THURSDAY  
OCTOBER 2013**

**AFTERNOON, 3**

**THEME: COMMUNITY ENGAGEMENT (CONT.)**

**PARALLEL SESSION 1 (Cont.)**

**Venue: De Kasteel**

**16:30 – 17:00** From an Informal Sewing Group to a Registered Business through Service-learning

***Associate Prof Joyce Nothemba Nduna***

Director of Community Engagement and Work Integrated Learning  
Cape Peninsula University of Technology

***Ms Jacqueline Scheepers***

Manager: Service Learning Unit  
Community Engagement and Work Integrated Learning Centre  
Cape Peninsula University of Technology

***Mr Shamil Isaacs***

Manager for Technology Station: Clothing and Textile  
Cape Peninsula University of Technology

***Mrs Nyamela Mirriam Makosana***

Director: Bambanani for Social Development  
Nyanga, Cape Town

**17:00 – 17:15** *Discussion*





## PARALLEL SESSION 2

**Sub-theme:** Partnerships for Community Engagement

**Venue:** Buitenverwachting

**Chair:**

*Associate Professor Joyce Nduna*

**16:00 – 16:30 Collaborative Service-learning Partnerships between Government, Community and University for Implementing Social Change**

***Ms Jacqueline Scheepers***

Manager: Service Learning Unit  
Community Engagement and Work Integrated Learning Centre  
Cape Peninsula University of Technology

***Advocate Ashley Searle***

Director: Office of the Consumer Protector  
Department of Economic Development and Tourism  
Provincial Government Western Cape

**16:30 – 17:00 Community Engagement Partnerships for a Corporate Social Responsibility Project**

***Ms Fundiswa Nofemela***

Manager: Co-operative Education Department  
Cape Peninsula University of Technology

***Associate Prof Joyce Nothemba Nduna***

Director of Community Engagement and Work Integrated Learning  
Cape Peninsula University of Technology

**17:00 – 17:15 Discussion**

**THURSDAY AFTERNOON, 3 OCTOBER 2013**



## THURSDAY AFTERNOON, 3 OCTOBER 2013

### PARALLEL SESSION 3

**Sub-theme:** Student Development through Community Engagement

**Venue:** Constantia

**Chair:**

*Professor Mabokang Monnapula-Mapesela*

**16:00 – 16:30** **An Assessment of Service Learning as an Effective Pedagogy and Curriculum Strategy**

***Mr Henri Jacobs***

Director: Work-Integrated Learning & Skills Development  
Central University of Technology, Free State

**16:30 – 17:00** **The Impact of Community Engagement on Student Development: A Student Perspective**

***Mr Dumisani Xesha***

M.Tech Student & Recipient of the NRF Grant holder-linked Bursary  
Department of Entrepreneurship and Business Management  
Cape Peninsula University of Technology

***Mr Fattinald Phaka Rangongo***

M.Tech Student & Recipient of the NRF Grant holder-linked Bursary  
Department of Entrepreneurship and Business Management  
Cape Peninsula University of Technology

***Associate Prof Joyce Nothemba Nduna***

Director of Community Engagement and Work Integrated Learning  
Cape Peninsula University of Technology

**17:00 – 17:15** ***Discussion***

**18:00** ***Transport from Kievits Kroon Country Estate to Tshwane University of Technology***



## THURSDAY EVENING, 3 OCTOBER 2013

18:30 for 19:00

### DINNER FUNCTION – A CELEBRATION OF THE NEXT 10 YEARS OF *AMUSE BOUCHE*

Tshwane University of Technology  
Pretoria Campus

#### Welcome address

**Professor Nthabiseng Ogude**  
Vice-Chancellor and Principal  
Tshwane University of Technology



**FRIDAY  
OCTOBER 2013**

**MORNING, 4**

**08:00 - 08:15**

Arrival (Tea/Coffee)  
(Venue: Garden, in front of main venue - De Kasteel)

**PLENARY SESSION**  
(Venue: De Kasteel)

**THEME: INTERNATIONALISATION**

**Chair:**

**Professor Nthabiseng Ogude**  
Vice-Chancellor and Principal  
Tshwane University of Technology

**08:15 – 08:45**

**KEYNOTE ADDRESS**

**Title: The Universities of Technology as Drivers of Local  
Development: Lessons from International Experience**

**Ms Jaana Puukka**  
President of Innovation Engage  
Senior Policy Fellow of the Conseils sans Frontieres, former OECD  
Analyst and Project Manager

**08:45 – 09:00**

**Discussion**



**FRIDAY  
OCTOBER**

**MORNING, 4  
2013**

## **THEME: INTERNATIONALISATION (CONT.)**

### **PANEL DISCUSSION**

**09:00 – 09:10**

**Title: Comprehensive Internationalisation – not just for the Mobile Minority**

***Dr Lavern Samuels***

Director: International Education and Partnerships  
Durban University of Technology

**09:10 – 09:20**

**Title: Internationalisation: A Potent Transformative Tool for Higher Education?**

***Dr Mark Hay***

Consultant in Higher Education, Advisor to the MANCOSA CEO and Principal

**09:20 – 09:30**

**Title: Re-Thinking Internationalisation: A Higher Education Response/Perspective**

***Dr Chris Nhlapo***

Deputy Vice-Chancellor: Research, Technology, Innovation and Partnerships  
Cape Peninsula University of Technology

**09:30 – 09:45**

***Discussion***



FRIDAY

MORNING,

## THEME: INTERNATIONALISATION (CONT.)

09:45 – 10:05

**Title: Proposal of a Framework for Internationalising Curriculum within Universities of Technology**

***Ms Chichi Maimane***

Director  
Centre for Curriculum Development  
Central University of Technology, Free State

10:05 – 10:15

***Discussion***

10:15 – 10:45

**Morning Tea**  
(Venue: Garden, in front of main venue - De Kasteel)

## 4 OCTOBER 2013

**FRIDAY****MORNING, 4**

(Venue: De Kasteel)

**Chair:****Professor Chris Jansen van Rensburg**

Director

South African Technology Network (SATN)

**10:45 – 11:15****SPECIAL PRESENTATION:  
THE BLOODHOUND SSC****Ms Marina Joubert**

Science Communication Consultant

**11:15 – 11:30****Discussion****11:30 – 12:00****SPECIAL GUEST LECTURE****Title: UoT – Industry Interphase – Challenges and Opportunities****Dr David Phaho**Group Functional Manager: Refinery Technologies Group: SASOL  
Technology Research and Development**12:00 – 12:15****Discussion****12:15 – 13:00****CONFERENCE CLOSE**Open Session on what the papers, presentations and discussions suggest.  
Conference Summary and Closing Remarks**Professor Thandwa Mthembu**Chairman of the SATN and Vice-Chancellor and Principal  
Central University of Technology**AWARDS FOR THREE BEST PAPERS****13:00 - 14:00****Finger Fork Lunch around the fountain****14:00****Transport from Kievits Kroon Country Estate to OR Tambo  
International Airport****OCTOBER 2013**

