

**Welcome to the  
Graduation Ceremony  
of the  
University of Johannesburg  
16 April 2018**

**Welkom by die  
Gradeplegtigheid  
van die  
Universiteit van Johannesburg  
16 April 2018**

**Le a Amogelwa  
Moletlong wa Dikapešo wa  
Yunibesithi ya Johannesburg  
16 Moranang 2018**

**Niyamukelwa  
eMcimbini wokweThweswa kweZiqu  
weNyuvesi yaseJohannesburg  
16 kuMbaso 2018**

# **UNIVERSITY OF JOHANNESBURG**

## **CHANCELLOR**

Prof NS Ndebele  
BA (Lesotho), MA (Cambridge UK), PhD (Denver USA)

## **SENIOR OFFICE-BEARERS OF THE UNIVERSITY**

### **VICE-CHANCELLOR AND PRINCIPAL**

Prof T Marwala  
BS Eng (Case Western Reserve USA), MEng (UP), PhD (Cambridge UK)

### **DEPUTY VICE-CHANCELLOR ACADEMIC**

Prof A Parekh  
BA, BA Hons, MA (UDW), MA (Kansas USA), DPhil (UDW)

### **DEPUTY VICE-CHANCELLOR: RESEARCH AND INTERNATIONALISATION**

Prof S Sinha  
BEng, MEng, PhD (UP)

### **REGISTRAR**

Prof IC Burger  
BA, HEd, BA Hons, MA, PhD (RAU)

### **DEPUTY VICE-CHANCELLOR: FINANCE**

Ms N Mamorare (Acting)  
BCom (Rhodes), BCom Hons (UKZN), CA (SA)

### **DEPUTY VICE-CHANCELLOR: EMPLOYEES AND STUDENT AFFAIRS**

Ms KC Mketi  
BA (Bophut), BA Hons (RAU), MBL (Unisa)

### **GENERAL COUNSEL**

Prof PH O'Brien  
BCom, LLB, LLM, LLD (RAU)

## **EXECUTIVE DEANS**

### **COLLEGE OF BUSINESS AND ECONOMICS**

Prof D van Lill  
BSc, BSc Hons, MSc, PhD (US)

### **FACULTY OF ART, DESIGN AND ARCHITECTURE**

Prof F Freschi  
BA (Wits), BA Hons (UCT), PhD (Wits)

### **FACULTY OF EDUCATION**

Prof SJ Gravett  
BA, HEd (PU for CHE), BEd, MEd, DEd (RAU)

### **FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT**

Prof C Mbohwa (Acting)  
BSc Eng (Hons), OMMS, PhD (TMIT Japan)

### **FACULTY OF HEALTH SCIENCES**

Prof A Swart  
NDip, NHDip (TWR), BEd, MEd (RAU), DTech (TWR)

### **FACULTY OF HUMANITIES**

Prof AB Broadbent  
BA, BA Hons, MPhil, PhD (Cambridge UK)

### **FACULTY OF LAW**

Prof LG Mpedi  
B Juris, LLB (Vista), LLM (RAU), LLD (UJ)

### **FACULTY OF SCIENCE**

Prof D Meyer  
BSc, BSc Hons, MSc (RAU), PhD (California USA)

# **MEMBERS OF COUNCIL**

## **CHAIRPERSON**

Mr MS Teke

## **DEPUTY CHAIRPERSON**

Dr Y Ndema

## **MEMBERS**

Prof H Abrahamse  
Mr FM Baleni  
Ms S Dlamini  
Ms K Gugushe  
Prof D Hildebrandt  
Mr G Khosa  
Prof C Landsberg  
Dr J Manyaka  
Prof T Marwala  
Ms Z Matlala  
Ms BJ Memela-Khambula  
Mr F Netshiavha  
Prof A Parekh  
Mr C Phetla  
Dr WP Rowland  
Mr K Thomas  
Dr M Tom

# Programme

**Monday, 16 April 2018 at 13:00**

To ensure good order during the ceremony all those present are requested to leave the Auditorium only after the ceremony has been concluded.

The academic procession enters the Auditorium and the members of the procession take their seats on the stage.

The choir sings Gaudeamus Igitur (or a CD is played) while those present remain standing.

The Chancellor constitutes the congregation.

Choir.

Welcome.

The relevant Executive Dean presents the candidates to the Chancellor for the conferment of a degree/diploma/certificate.

Singing of the National Anthem.

The Chancellor dissolves the congregation.

The academic procession leaves the Auditorium while those present remain standing.

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# Lenaneo

**Mošupologo, 16 Moranang 2018 ka 13:00**

Go kgonthiša gore dilo di sepela ka tshwanelo nakong ya moletlo, bohle bao ba tlilego moletlong ba kgopelwa go tšwa ka Holong ya kopano feela ka morago ga ge moletlo o phethilwe.

Sehlopha sa dirutegi se tsena ka Holong ya kopano gomme maloko a sehlopha se a dula ditulong tša ona sefaleng.

Khwaere e opela Gaudeamus Igitur (goba CD e tlo bapalwa) mola bao ba lego gona ba tšwela pele go ema.

Mokhanseliri o kopanya phuthego.

Khwaere.

Dikamogelo.

Hlogophethiši ya maleba ya lefapha e hlagiša dialoga go Mokhanseliri gore di newe tikrii/diploma/setifikeiti.

Go opelwa ga Koša ya Setšhaba.

Mokhanseliri o phatlalatša phuthego.

Sehlopha sa dirutegi se tšwa ka Holong ya kopano mola bao ba lego gona ba tšwela pele go ema.

# **Program**

**Maandag, 16 April 2018 om 13:00**

Ter wille van die ordelike verloop van die plegtigheid  
word alle aanwesiges vriendelik versoek  
om die Ouditorium nie voor die einde van die plegtigheid te verlaat nie.

Die akademiese proses kom die Ouditorium binne en neem op die verhoog plaas.  
Die koor sing Gaudeamus Igitur (of 'n CD word gespeel) terwyl die aanwesiges staan.

Die Kanselier stel die kongregasie saam.

Koor.

Verwelkoming.

Die betrokke uitvoerende dekaan stel die kandidate aan die Kanselier voor vir die  
toekenning van 'n graad/diploma/sertifikaat.

Sing van die volkslied.

Die Kanselier ontbind die kongregasie.

Terwyl die aanwesiges bly staan, verlaat die akademiese proses die Ouditorium.

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# **Uhlelo**

**uMsombuluko, 16 kuMbaso 2018 ngelo-13:00**

Ukuze kuqinisekwe ukuthi konke kuhamba kahle ngesikhathi somcimbi, bonke abakhona  
bacelwa ukuba baphume eHholweni kuphela lapho umcimbi usuphuthuliwe.

Udwendwe lezifundiswa lungena ehholweni bese amalungu odwendwe ahlala phansi  
esiteji.

Ikwaya icula i-Gaudeamus Igitur (noma kudlalwa iCD) ngalenkathi labo abakhona  
besamile.

UShansela uhlanganisa ibandla.

Ikwaya.

Ukwamukelwa.

Izinhloko Eziyiziphathimandla ezithintekayo zethula abafundi kuShansela weNyuvesi  
ukuze bathole idigiri/idiploma/isitifiketi.

Kuculwa iHubo Lesizwe.

# Gaudeamus Igitur

Gaudeamus igitur,  
Juvenes dum sumus;  
Post iucundum iuventutem,  
Post molestam senectutem  
Nos habebit humus.

Vivat academia,  
Vivant professores,  
Vivat membrum quodlibet,  
Vivat membra quaelibet;  
Semper sint in flore!

## English

Let us rejoice, therefore,  
While we are young.  
After a pleasant youth  
After a troubling old age  
The earth will have us.

Long live the academy!  
Long live the professors!  
Long live each student;  
Long live the whole fraternity;  
For ever may they flourish!

## Sesotho sa Leboa

Ka gona, a re thabeng,  
Re sa le ba bafsa.  
Ka morago ga bofsa bjo bo bose  
Ka morago ga go tšofala mo go nago le  
mathata  
Lefase le tla ba le rena.

Phela thuto phela!  
Phelang diprofesa phelang!  
Phelang baithuti phelang;  
Phela kagišano ka botlalo phela;  
O ka re ba ka phela gabotse goyagoile!

## Afrikaans

Laat ons dan vrolik wees,  
Terwyl ons jonk is;  
Na 'n aangename jeug.  
Na 'n onaangename oudag,  
Sal die aarde ons hou.

Lank lewe die universiteit,  
Lank lewe die professore,  
Lank lewe elke student,  
Lank lewe al die studente,  
Mag hulle vir ewig hul jeug behou!

## Zulu

Ngakho, masithokoze  
Sisebasha nje.  
Emva kobumnandi bobusha  
Emva kwezinkinga zobudala  
Umhlaba uzosithatha.

Phambili ngemfundo!  
Phambili boSolwazi!  
Phambili nakuwe mfundi;  
Phambili ngenhlangano yonke;  
Maziqhubeke ngonaphakade!

# QUALIFICATIONS

## 1. National Diploma (NDip)

**Botopela**, Sebolawe Euphodia (Biotechnology)

**Joka**, Boineelo Valerie (Biotechnology)

**Mabaso**, Anna Mangwase (Biotechnology)

**Mapunya**, Nare (Biotechnology)

**Mashigo**, Tshepo (Biotechnology)

**Matos**, Tshinde Isabel (Biotechnology)

**Mavundza**, Holiness (Biotechnology)

**Montjane**, Amanda Faith (Biotechnology)

**Moraila**, Amogelang (Biotechnology)

**Moseamo**, Kgatle Macdonald (Biotechnology)

**Msonga**, Musa (Biotechnology)

**Mtimunye**, Samuel Mduduzi (Biotechnology)

**Mudau**, Tshanduko Prudence (Biotechnology)

**Nchabeleng**, Mpho Mamphoka (Biotechnology)

**Nemavhola**, Mavhengani Ruth (Biotechnology)

**Nevhudogwa**, Pfano (Biotechnology)

**Nkosi**, Nonhle Prudence (Biotechnology)

**Vilanculo**, Naimo (Biotechnology)

**Yarde**, Renaldo Basil (Biotechnology)

## 2. Bachelor of Science (BSc)

**Baloyi**, Mahlori Lesley (Geography and Geology)

**Baloyi**, Teddy (Chemistry and Geology)

**Bapela**, Mmamafa Wendy (Geography and Geology)

**Beine**, Kaylee (Human Physiology and Zoology)

**Bezuidenhout**, Bianca (Human Physiology and Zoology)

**Bhikha**, Nishal (Environmental Management and Geology)

**Boakye Yiadom**, Akosua Adoma (Biochemistry and Human Physiology)

**Carow**, Pieter Marthinus Albertus (Chemistry and Geology)

**Chele**, Kekeletso Hlompho (Biochemistry and Human Physiology)

**Chili**, Asanda Thabiso (Geology and Physics)

**Chokwe**, Phuti Efred (Environmental Management and Geology)

**Dahms**, Heinrich Theodor Jacob (Environmental Management and Zoology)

**De Roque**, Nicole (Biochemistry and Human Physiology)



**Digashu**, Retsibilwe Mmarungoane Keamogetse (Human Physiology and Psychology)  
**Dlamini**, Njabulo Mqondisi (Biochemistry and Chemistry)  
**Dube**, Sifelani (Biochemistry and Chemistry) **(with distinction)**  
**Fitton**, Dillan (Environmental Management and Geology)  
**Gamede**, Noluthando Vuyelwa (Biochemistry and Chemistry)  
**Goliath**, Rowan (Applied Mathematics and Physics)  
**Grobler**, Nina (Biochemistry and Psychology)  
**Gumbi**, Simbongile (Biochemistry and Chemistry)  
**Hlahla**, Jeremiah Mpumelelo (Biochemistry and Botany)  
**Hlati**, Thando (Human Physiology and Psychology)  
**Hlatshwayo**, Khethokuhle Good-Gift (Human Physiology and Zoology)  
**Hleza**, Thulisile (Human Physiology and Psychology)  
**Hlungwani**, Dyondzi (Biochemistry and Psychology)  
**Jackson**, Aaron Richard (Sport Science)  
**Joja**, Khanyisa (Environmental Management and Geography)  
**Jun**, Lindi (Human Physiology and Zoology)  
**Kaneki**, Mulalo Pendry (Environmental Management and Geography)  
**Kekane**, Sophy Sekgametse (Geography and Geology)  
**Kruger**, Elaine (Geography and Geology)  
**Kubaye**, Kamogelo Jerry (Applied Geology and Geology)  
**Kuboni**, Apelele Monde (Geography and Geology)  
**Lebebe**, Kemesetso (Environmental Management and Geography)  
**Lehlaneho**, Amogelang (Human Physiology and Psychology)  
**Lelaka**, Kgomotso Elsie (Biochemistry and Chemistry)  
**Lephatsi**, Motseoa Mariam (Biochemistry and Botany)  
**Letsatsi**, Nthabiseng Patricia (Geography and Geology)  
**Lose**, Vuyisa (Biochemistry and Human Physiology)  
**Ma**, Jackie Ka Kui (Chemistry and Mathematics)  
**Maahlo**, Sepeke Getrude (Chemistry and Geology)  
**Mabasa**, Jackie Lesetja (Botany and Chemistry)  
**Mabate**, Tafadzwa Precious (Biochemistry and Chemistry) **(with distinction)**  
**Machetele**, Dimakatso (Environmental Management and Geography)  
**Madiba**, Siphwiwe (Biochemistry and Zoology)  
**Maduenyane**, Mpho (Human Physiology and Zoology)  
**Magwai**, Moses (Biochemistry and Botany)  
**Mahlangu**, Khanyisile Rachael (Biochemistry and Botany)  
**Mahlophe**, Katleho (Environmental Management and Zoology)  
**Makgopela**, Osiamé Ratime (Chemistry and Geology)  
**Makhado**, Pfariso Roneel (Biochemistry and Botany)  
**Makhubo**, Roslinah Nompumelelo (Biochemistry and Botany)  
**Makola**, Lebohang Joel (Geography and Geology)  
**Makope**, Daymore Tapiwa Munyaradzi (Mathematics and Physics)  
**Malatji**, Khukhwane Phomelelo (Biochemistry and Botany)  
**Malaza**, Sakhile Marriat (Environmental Management and Geography)  
**Malesa**, Morape Khutso (Applied Geology and Geology)

**Malotane**, Mashilo Eunice (Environmental Management and Geology)  
**Mamba**, Abe (Geography and Geology)  
**Mangane**, Lifa Aaron (Environmental Management and Geology)  
**Manganyi**, Rapelang Happiness (Geography and Geology)  
**Mangena**, Kgaogelo (Biochemistry and Chemistry)  
**Manzoor**, Aadilah (Human Physiology and Psychology)  
**Marengwa**, Duduzile Thabitha (Biochemistry and Botany)  
**Mareya**, Tatenda (Environmental Management and Geology)  
**Masango**, Bathabile Elizabeth (Human Physiology and Zoology)  
**Mashazi**, Thandeka Privillage (Environmental Management and Geography)  
**Mashele**, Thembiso (Mathematics and Physics)  
**Mashishi**, Keneilwe Suzan (Geography and Geology)  
**Mathebula**, Xichavo Andronica (Biochemistry and Botany)  
**Mathetja**, Makgale Kamogelo Pride (Environmental Management and Geography)  
**Matjie**, Mamonare Rachel (Environmental Management and Geography)  
**Mbenya**, Avile (Environmental Management and Geography)  
**Mdabudabu**, Lehlohonolo Ernest (Environmental Management and Geology)  
**Mgadi**, Tankiso Antoinette Moleboeng (Human Physiology and Zoology)  
**Midzi**, Nyasha (Biochemistry and Chemistry) **(with distinction)**  
**Mkhabela**, Brightnes Nomusa (Human Physiology and Psychology)  
**Mkhabela**, Philani Hopewell (Environmental Management and Geography)  
**Mmbulaheni**, Vhutshilo (Geography and Geology)  
**Mngese**, Sphelele Happy (Geography and Geology)  
**Mnisi**, Ntombikayise Zanele (Human Physiology and Psychology)  
**Mofulatsi**, Moshidi Welheminah (Biochemistry and Chemistry)  
**Mokgadi**, Keabetswe (Biochemistry and Chemistry)  
**Mokwena**, Tshegofatso Maoni (Biochemistry and Chemistry)  
**Molefe**, Katleho (Human Physiology and Psychology)  
**Molefe**, Pertunia Nthabiseng (Geography and Geology)  
**Molia**, Reabetsoe Christine (Biochemistry and Botany)  
**Moloi**, Nomsa (Mathematics and Physics)  
**Morulane**, Lebogang (Chemistry and Geology)  
**Mpopo**, Mapaseka Mary (Environmental Management and Geology)  
**Mthethwa**, Luyanda Palesa Melyn (Environmental Management and Geology)  
**Mulaudzi**, Precious Earldom (Biochemistry and Psychology)  
**Musandiwa**, Mbuelo Innocent (Environmental Management and Geography)  
**Mutowo**, Fadzai Shane Macmillian (Environmental Management and Geology)  
**Mxusile**, Njabulo Innocentia (Environmental Management and Geology)  
**Naidoo**, Saihen (Geography and Geology)  
**Naidoo**, Zoe Anne (Biochemistry and Human Physiology)  
**Ndaba**, Jabulani (Human Physiology and Zoology)  
**Ndeleni**, Xoliswa (Geography and Zoology)  
**Netsianda**, Musandiwa Rienie (Environmental Management and Geography)  
**Ngobeni**, Happy Tinyiko (Biochemistry and Chemistry)  
**Ngobeni**, Mbalenhle (Human Physiology and Zoology)  
**Nkambule**, Precious Mpilonhle (Human Physiology and Psychology)

**Nkhwashu**, Tracy (Environmental Management and Geography)  
**Nkomo**, Brighton Vezintokozo (Mathematics and Physics)  
**Nkosi**, Lungelolakhe Bongani (Biochemistry and Chemistry)  
**Nkuna**, Akani Tintswalo (Human Physiology and Psychology)  
**Ntobeng**, Lethabo Mangane (Chemistry and Physics)  
**Ntshetseng**, Tiny Mamonyokwane (Biochemistry and Botany)  
**Ntshingila**, Bongumusa Zami (Biochemistry and Human Physiology)  
**Ntshudisane**, Ofentse Kokoti (Biochemistry and Zoology)  
**Ntuli**, Precious Nonjabulo (Environmental Management and Geology)  
**Oberem**, Erin Frances (Biochemistry and Zoology)  
**Petersen**, Camy (Biochemistry and Botany)  
**Petlele**, Lydia Mpho (Environmental Management and Geography)  
**Phasha**, Thabang Maria (Biochemistry and Psychology)  
**Phogole**, Bopaki Testimonies (Environmental Management and Geography)  
**Pooe**, Omphile Lesego (Environmental Management and Geology)  
**Pretorius**, Chanel Joey (Biochemistry and Psychology)  
**Rakodi**, Mary Maseketa (Environmental Management and Geology)  
**Reenen**, Monique Leylani Soraya (Human Physiology and Psychology)  
**Risimati**, Solvei Rivalani (Environmental Management and Geology)  
**Rovholo**, Wamashudu Wendy (Geography and Geology)  
**Sadire**, Mogomotsi Joseph (Chemistry and Mathematics)  
**Santos**, Marina Daniela Baptista Dos (Biochemistry and Chemistry)  
**Sekgobela**, Naledi Palesa Brilliantine (Biochemistry and Botany)  
**Sereme**, George (Sport Science)  
**Sethole**, Patrick (Human Physiology and Zoology)  
**Shilaluke**, Kolwane Calphonia (Biochemistry and Botany)  
**Sikhakhane**, Masilakhe (Botany and Geography)  
**Simelane**, Siyabonga Precept (Environmental Management and Geography)  
**Sitoe**, Eunezia (Biochemistry and Botany)  
**Siviya**, Lebogang Edith (Biochemistry and Botany)  
**Skosana**, Sibusiso Lucky (Biochemistry and Chemistry)  
**Slooten**, Nicola (Biochemistry and Human Physiology)  
**Steyn**, Anelle (Human Physiology and Psychology)  
**Steyn**, Carla (Biochemistry and Botany)  
**Stols**, Ian (Biochemistry and Chemistry) **(with distinction)**  
**Tachiona**, Tawanda (Biochemistry and Chemistry)  
**Tau**, Desry Mohlale (Environmental Management and Geology)  
**Tau**, Gobona Lizzie (Environmental Management and Geology)  
**Teixeira**, Oscar Liquito (Applied Mathematics and Physics)  
**Thwala**, Nkosinathi Dickson (Geography and Geology)  
**Tito**, Ginny Sasha (Biochemistry and Chemistry)  
**Tseki**, Naledi Mamosa (Biochemistry and Chemistry)  
**Tshinavhe**, Ronewa (Chemistry and Physics)  
**Tsolo**, Gabriel Thapelo (Environmental Management and Geology)  
**Verrall**, Jessica-Sheay (Chemistry and Physics)  
**Watson**, Keihlan Robert (Environmental Management and Geography)

**Webber**, Ashlyn (Sport Science)  
**Whatley**, Vivian Ann (Sport Science)  
**Zikitane**, Lerato Lorraine (Applied Mathematics and Physics)  
**Zitha**, Silas (Environmental Management and Geography)  
**Zondi**, Malibongwe (Biochemistry and Chemistry)  
**Zulu**, Noxolo Lindokuhle (Environmental Management and Geology)  
**Zulu**, Phumzile Conelia (Environmental Management and Geography)  
**Zwane**, Samkelo Sypriel (Environmental Management and Zoology)

### 3. Bachelor of Science Honours (BSc Hons)

**Awe**, Babatunde (Chemistry)  
**Bewana**, Semakaleng Lydia (Chemistry)  
**Chu**, Kah William (Chemistry) **(with distinction)**  
**Javu**, Lazola (Physics)  
**Le Ray**, Ashlynn Merial (Physics) **(with distinction)**  
**Lekgau**, Ramadimette Denise  
**Maboya**, Phumla Pearl Khutso (Physics)  
**Maheso**, Abbey Matimba (Physics)  
**Majane**, Rebecca Molahlegi (Chemistry)  
**Molepo**, Molatela Engelina (Physics)  
**Nelufule**, Nelson Tankiso (Physics)  
**Ntshatsha**, Mfuphi (Physics)  
**Nyadzani**, Lutendo (Physics)

### 4. Master of Technology (M Tech)

**Gwebu**, Sandile Surprise (Chemistry) **(with distinction)**  
**Dissertation:** Electrocatalytic properties of platinum and platinum-based carbon nanodots nanocomposites as electrocatalysts for direct alcohol fuel cells.  
**Supervisor:** Dr NW Maxakato  
**Co-supervisor:** Prof PN Nomngongo

**Nedzivhe**, Khathutshelo Carol (Chemistry)  
**Dissertation:** Development of sample preparation methods for selective pre-concentration of arsenic and selenium in water prior to their spectrometric determination.  
**Supervisor:** Dr N Mabuba  
**Co-supervisor:** Prof PN Nomngongo

**Nkonde, Mxolisi Absalom (Chemistry)**

**Dissertation:** Degradation of cyanobacteria biotoxins in aquatic environments using dendrimer supported bimetallic nanocomposites immobilized in polyethersulfone membranes.

**Supervisor:** Prof PP Govender

**Co-supervisor:** Prof T Msagati (University of South Africa)

**Wayayi, Veronica Wanjeri Ogolla (Chemistry) (with distinction)**

**Dissertation:** Nanocarbon anchored on magnetic iron oxide-silica core shell nanocomposite for extraction of organophosphate pesticides from natural water.

**Supervisor:** Prof PG Ndungu

**Co-supervisor:** Prof JC Ngila

## 5. Master of Philosophy (MPhil)

**Masevhe, Livhuwani (Energy Studies)**

**Dissertation:** An Analytical Study Of Radon Concentration In Water From Some Rivers In Gauteng Using a solid state  $\alpha$ -Detector.

**Supervisor:** Dr RD Mavunda

**Co-supervisor:** Prof SH Connell (Faculty of Engineering and the Built Environment)

## 6. Master of Science (MSc)

**Fitzpatrick, Stuart James (Geology)**

**Dissertation:** Implications of paleomagnetism and detrital zircon provenance of the Koras Group of the Kalahari Craton within the Supercontinent Rodinia.

**Supervisor:** Prof MO de Kock

**Co-supervisor:** Dr C Vorster

**Co-supervisor:** Dr H van Niekerk

**Lessing, De Villiers (Mathematics) (with distinction)**

**Dissertation:** On the packing chromatic numbers of some infinite product graphs.

**Supervisor:** Prof E Jonck

**Co-supervisor:** Dr M Dorfling

**Mpeta, Lekhetho Simon (Chemistry) (with distinction)**

**Dissertation:** Studies on the properties of the carbon nanomaterial based electrodes for potential application in alcohol fuel cells.

**Supervisor:** Dr NW Maxakato

**Co-supervisor:** Prof OA Arotiba

**Co-supervisor:** Dr M Modibedi (CSIR)

**Mpupa, Anele** (Chemistry)

**Dissertation:** Development and validation of analytical methodologies for simultaneous determination of selected emerging organic pollutants in wastewater samples.

**Supervisor:** Prof PN Nomngongo

**Nendouvhada, Ndivhuho** Contribution (Geology)

**Dissertation:** Application of coal petrography in understanding the variation of coal composition in the coalfields of Botswana.

**Supervisor:** Prof NJ Wagner

**Co-supervisor:** Mr A Golding (Analytical Holdings Pty Ltd)

**Nkwachukwu, Oluchi Vivian** (Chemistry)

**Dissertation:** Preparation, Characterization and Properties of biohybrids based on biocompatible Poly (Hydroxybutyric acid) / Poly (propylene) blends, and nanozeolites: towards food packaging applications.

**Supervisor:** Dr J Ramontja

**Co-supervisor:** Prof A Maity (CSIR)

**Nxiweni, Andile Clement** (Mathematics)

**Dissertation:** Structure and dynamics of fixed rate loan repayment – graph theory analysis.

**Supervisor:** Prof P Dankelmann

**Co-supervisor:** Prof E Jonck (University of Witwatersrand)



See the back cover for the words of the National Anthem.



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