

## **DEPARTMENT OF GEOLOGY CENTENARY CONFERENCE AND DINNER**

**12-13 April 2018**

The Centenary Conference of the Department of Geology will be held on 12 and 13 April 2018 on the University of the Free State Main Campus in Bloemfontein. The scientific programme, consisting of 20 talks by past and present students and staff, will take place in the Albert Wessels Auditorium on both days. A celebratory dinner will be hosted in the Reitz Hall of the Centenary Complex on the evening of the 12<sup>th</sup> of April as per the attached programme.

Conference attendance will cost R550 per person and will include refreshments and a light finger lunch. The 3-course centenary dinner will cost R350 per person and will include a selection of red and white wines and fruit juice on the table. A cash bar will be available for delegates preferring beer and / or other liquor.

Delegates are requested to complete the attached registration form and to email it to [roelofsef@ufs.ac.za](mailto:roelofsef@ufs.ac.za) as soon as possible. Registrations will be accepted until the 30<sup>th</sup> of March 2018.

### **Instructions to speakers**

A total of 20 minutes have been allocated to speakers, with 5 minutes reserved for questions from the audience. Powerpoint presentations should be uploaded in the Albert Wessels Auditorium by no later than 8h30 on the morning on which you will be presenting your talk. Assistance will be available at the venue. An abbreviated CV of no more than 100 words should be emailed to [roelofsef@ufs.ac.za](mailto:roelofsef@ufs.ac.za) before or on 9 April 2018.

### **Accommodation**

Delegates are responsible for arranging their own transport and accommodation. The following guesthouses are within walking distance of the UFS Main Campus and delegates may want to consider making use of one of them for the sake of convenience:

- Kopsie Inn (located on the UFS Main Campus), Tel 051 401 7775 ([reservations@ufs.ac.za](mailto:reservations@ufs.ac.za))
- Palm Lodge, Tel 051 444 6982 ([www.pamlodge.co.za](http://www.pamlodge.co.za))
- Rise & Shine Lodge, Tel 051 522 1535 ([www.riseandshine.co.za](http://www.riseandshine.co.za))
- College Lodge, Tel 051 444 3837 ([www.collegelodge.co.za](http://www.collegelodge.co.za))
- Shawu Lodge, Tel 051 522 5731 ([www.shawulodge.co.za](http://www.shawulodge.co.za))

### **Campus access and parking**

Instructions on how to access the campus and where to park will be communicated closer to the date of the conference.

### **Special issue of the South African Journal of Geology**

A special issue of the South African Journal of Geology will be compiled in celebration of the department's centenary. The final issue of 2018 has been reserved for this and we would like to invite original submissions from the speakers at our conference, alumni and staff members, past and present. All submissions for the UFS Special Issue must be sent, by email, to [roelofsef@ufs.ac.za](mailto:roelofsef@ufs.ac.za). To facilitate the review process, all manuscripts must be submitted in the format outlined in the "Instructions to Authors" at the back of a recent issue of the SAJG. The closing date for submission of manuscripts is 30 April 2018, but earlier submission is encouraged.

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Please feel free to send an email to [roelofsef@ufs.ac.za](mailto:roelofsef@ufs.ac.za) should you have any queries or concerns regarding the arrangements that have not been addressed in this document. We look forward to welcoming you at the conference.

**PROVISIONAL PROGRAMME**  
**UFS, DEPARTMENT OF GEOLOGY, CENTENARY CELEBRATIONS**

**Thursday, 12 April 2018**

7h30: Registration

9h00-9h15: Opening and welcome, Dr Freddie Roelofse (Head of Department)

9h15-9h25: Address by Prof Danie Vermeulen (Dean: Faculty of Natural & Agricultural Sciences)

9h25-9h45: History of the Department of Geology at the University of the Free State (JC Loock, UFS)

9h45-10h05: Lungfish burrows in the lower Beaufort Group in the southwestern part of the Karoo Basin (Adriaan Odendaal, UFS)

10h05-10h25: The struggles of a nerd Kopsie Student to obtain the signature of the Abel Erasmus basalt (Pieter Bosch, Council for Geoscience)

10h30: TEA / COFFEE BREAK

11h00-11h20: Multipoint geostatistics and Witwatersrand gold deposits: applicable or not? (Mark Burnett, Snowden)

11h20-11h40: Towards an understanding of the Bon Accord NiO occurrence: New data and analysis (Matthew Huber, UFS)

11h40-12h00: Metallogenesis of the Sishen iron ore deposit (Conrad de Kock, UJ)

12h00-12h20: Earthlab Operations: a value adding contributor in the South African exploration and mining geology market (Deon du Plessis, Earthlab)

12h30: FINGER LUNCH

13h30-13h50: The philosophy of geological modelling and practice (Mark Burnett, Snowden)

13h50-14h10: The UFS Geology Department and its research on the Namaqua Metamorphic Province (Hendrik Minnaar, UFS)

14h10-14h30: Presence of PGEs in mine tailings, Western Bushveld: Implications for potential re-processing (Thendo Mapholi, UFS)

14h30-14h50: An assessment of the geochemical impacts of greenfields mining projects on both sides of the mine drainage pH divide - A geochemical modelling approach (Robert Hansen, UFS)

18h30: CELEBRATORY DINNER

**Friday, 13 April 2018**

9h00-9h20: Clast distribution in the Daskop Granophyre dyke, Vredefort impact structure (Matthew Huber, UFS)

9h20-9h40: Stratigraphy of the Congo Group north of Oudtshoorn (Ryan Nel, UFS)

9h40-10h00: Geology and structure of an area south of Pofadder (Justin Nel, UFS)

10h00-10h20: Iron ore exploration – yesterday, today and tomorrow (Deon Nel, Kumba Iron Ore)

10h20: TEA / COFFEE BREAK

10h50-11h10: Ghost walk in Dark Africa towards the brilliant luster of diamonds in ice (Pieter Bosch, Council for Geoscience)

11h10-11h30: Komatiites from the Saw Mill complex, Barberton greenstone belt, South Africa (Matthew Huber, UFS)

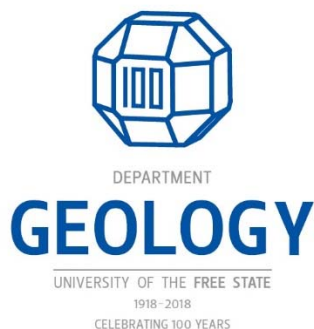
11h30-11h50: Science at sea – the importance of iron (Raimund Rentel, UFS)

11h50-12h10: The Bon Accord NiO body, Barberton: A remarkable source of new minerals (Marian Tredoux, UFS)

12h10-12:30: Neotectonics in the Bushveld Complex (Willem van der Westhuizen, UFS)

12h30: Closure

13h00: FINGER LUNCH



## REGISTRATION FORM

### DEPARTMENT OF GEOLOGY CENTENARY CONFERENCE AND DINNER

#### MAIN DELEGATE

Title: \_\_\_\_\_ Name: \_\_\_\_\_ Surname: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

Organisation: \_\_\_\_\_

Highest degree obtained at UFS and year of completion (if applicable): \_\_\_\_\_

Special dietary requirements? \_\_\_\_\_

#### ACCOMPANYING PERSON

Title: \_\_\_\_\_ Name: \_\_\_\_\_ Surname: \_\_\_\_\_

Highest degree obtained at UFS and year of completion (if applicable): \_\_\_\_\_

Special dietary requirements? \_\_\_\_\_

#### REGISTRATION DETAILS

ITEM	UNIT PRICE	PLEASE TICK
Main registration	R550.00	
Centenary dinner (Main delegate)	R350.00	
Centenary dinner (Accompanying person)	R350.00	
TOTAL		

Please email this registration form to: [roelofsef@ufs.ac.za](mailto:roelofsef@ufs.ac.za)

Upon receipt of the completed registration form, an invoice will be generated and forwarded to the main delegate by email within 5 working days, along with payment instructions. Kindly attempt to make payment within 1 week following receipt of the invoice, using your invoice number as reference.

# Campus Map

## Buildings numeric

No	Name
1A	Main Building Central Block
1B	Main Building South Block
1C	Main Building North Block
1D	Main Building West Block
2	Chemistry
3	Geography
4	Physics
5	Mathematical Sciences
6	Biology
7	Psychology
9	Flippie Groenewoud Building
9F	Computer Centre
10	Agriculture
11	Agriculture Greenhouse
13	Metabolism and Small Stock Research Building
16	George du Toit Administration Building
17A	Idalia Loots Building
17B	Theology Building
18	H vd Merwe Scholtz Hall
19	Callie Human Centre
20	Botho Building
21	Scaena
22	First University Building
23	Stef Coetzee Building
25	Stabilis Lecture Halls
26	Architecture
27A	Groundwater Studies
27B	Technological Education
28	Biotechnology
29	Animal Research Centre
29A	National Control Centre
30	François Retief Building
31	Vehicle Pool
32A	Physical Resources

32B	Provisioning
33	Swimming Pool
34	Eagles Nest
35	Pellies Park
36	Tennis and Basket Ball
37	Tennis
38	Rugby and Soccer
42A	Benedictus Kok Building
42B	Albert Wessels Auditorium
42C	Badminton Hall
42D	Examination Centre
42E	Student Development & Success / Internationalisation
42F	Kovsie Counselling / Kovsie Health
43	Johannes Brill Building
43A	Benito Khotseng Building
44	CR Swart Building
45	Protection Services
45A	Steyn Guest rooms
46	Odeion
47	Geology
57	Rag Place
59	Wynand Mouton Theatre
60	UFS-Sasol Library
61	Genmin Lectorium
62	Winkie Direko Building
64	Netball
65	Cricket
74	Shimla Park
79	Quantity Surveying
80	Farmovs Parexel
101	Centenary Complex
101B	DF Malherbe House
102	Abraham Fischer Residence
102D	Wekkie Saayman Building

103	CR de Wet Building
104	Armentum Residence
105	Villa Bravado Residence
106	JBM Hertzog Residence
107	Bungalows
109	Emily Hobhouse Residence
110	Kestell Residence
111	NJ van der Merwe Residence
112	Pres Steyn Residence
113	Veritas Gazellie
114	Akasia Residence
115	Karee Residence
116	Soetdoring Residence
117	Wag-'n-Bietjie Residence
118	Marula Residence
119	Tswelopele Residence
120	Madelief Residence
121	Vergeet-my-Nie Residence
122	Welwitschia Residence
124	Roosmaryn Dining Hall
125	Khayalami Residence
126	Roosmaryn Residence
127	Steyn Annex
130	Claerhout Building
131	Thakaneng Bridge
132	Sport Centre
133	Computer Laboratory
134	Astro Hockey Field
135	Taxi Rank
136	Mabaleng Building
137	Squash Courts



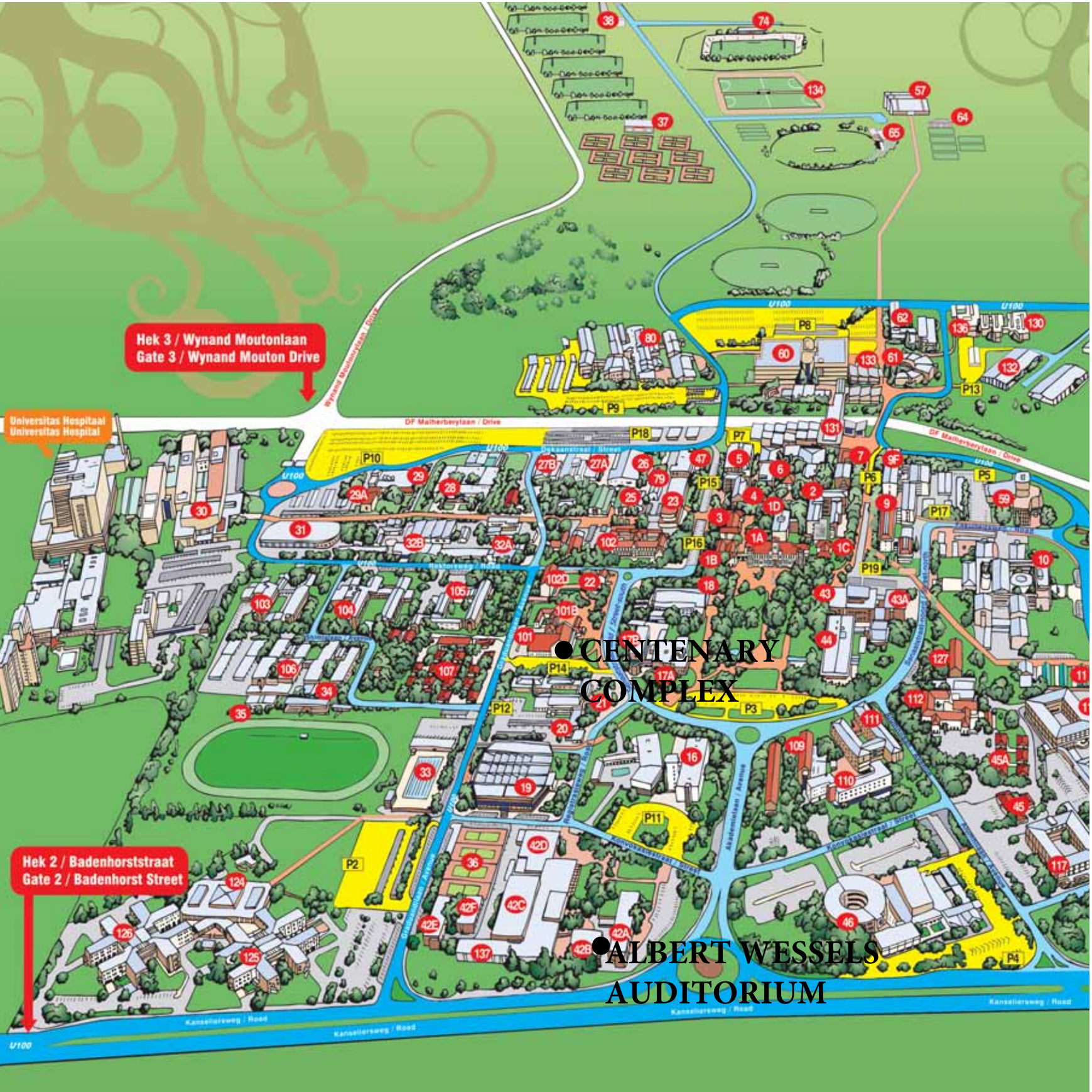
Hek 3 / Wynand Moutonlaan  
Gate 3 / Wynand Mouton Drive

Universitas Hespitaal  
Universitas Hospital

● CENTENARY  
COMPLEX

Hek 2 / Badenhorststraat  
Gate 2 / Badenhorst Street

● ALBERT WESSELS  
AUDITORIUM





## Kaartsleutel / Map legend

Openbarestrate		Public Streets
U100 Hoofroete		U100 Main Route
Sekondêre roetes		Secondary Roads
Besoekersparkering		Visitors parking
Wandellane		Walk ways
Ingange		Entrances

## List of parking areas / Lys van parkeerareas

- P 1 Central Campus (Visitors Parking)
- P 2 Callie Human Centre (Visitors Parking)
- P 3 Main Building (Visitors Parkings)
- P 4 Odelon (Visitors Parking) / Odelon (Besoekersparkering)
- P 5 Wynand Mouton Theatre (Reserved Parking)
- P 6 Thakaneng Bridge (Visitors Parking)
- P 7 Thakaneng Bridge (Visitors Parking)
- P 8 Library (Visitors Parking)
- P 9 Library/Farmovs-Parexel (Visitors Parking)
- P 10 François Retief Building (Visitors Parking)
- P 11 George du Toit Building (Visitors Parking)
- P 12 Scaena Theatre (Reserved Parking)
- P 13 Sport Centre (Visitors Parking)
- P 14 Centenary Complex (Visitors Parking)
- P 15 Stef Coetzee Building (Reserved Parking)
- P 16 Stabilis (Reserved Parking)
- P 17 Filppie Groenewoud Building (Reserved Parking)
- P 18 Dekaan Street (Reserved Parking)
- P 19 Main Building (Reserved Parking)

