

2026 DSTI-NRF CIMERA ANNUAL RESEARCH COLLOQUIUM

16 – 17 November 2026

Wits Anglo American Digital Dome

PRELIMINARY PROGRAMME



UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG



University of Fort Hare
Together in Excellence



DAY 1: MONDAY 16 NOVEMBER 2026				
SESSION	SLOT	TIME	PRESENTER	TOPIC
		08:00 – 09:00	REGISTRATION AND TEA	
		09:00 – 09:10	Prof. Nicola Wagner (UJ) DSTI-NRF CIMERA Director	WELCOME
		09:10 – 09:30	Invited Representatives from Wits: VC / DVC / Dean Faculty of Science	WELCOME NOTES
SESSION	SLOT	TIME	PRESENTER	TOPIC
SESSION 1: Chair for Session 1: TBC		09:30 – 10:00	KEYNOTE SPEAKER Noleen Pauls President of The Geological Society of South Africa	Beyond the Rocks: A Career in Geoscience Without a Fixed Map.
	1	10:00 – 10:20	Khethani Tom Ramphabana (UV)	Geochemical suitability assessment of Soutpansberg Group Basalts for continuous basalt fibre production
	2	10:20 – 10:40	Nhlamulo Roy Mafueka (UP)	Targeting the economic potential of Cu-Ni-mineralised mafic/ultramafic intrusions of the Kunene Complex in Angola through geochemistry and S isotopes of sulphides
	3	10:40 – 11:00	Nomaswazi Makhombothi (Wits)	TBC
		11:00 – 11:30	TEA BREAK	
SESSION 2: Chair for Session 2: TBC	4	11:30 – 11:50	Jazmynn Eksteen (UKZN)	The changing fortunes of a mudbelt: Why seafloor mapping matters
	5	11:50 – 12:10	Rotondwa Mapholi (UV)	Application of Random Forest (RF) and Support Vector Machine (SVM) algorithms on prospectivity mapping of nickel ore mineralization using remote sensing and geological data: Central Zone of the Limpopo Mobile Belt, South Africa
	6	12:10 – 12:30	Mphanama Thangeni (UV)	Geological Controls on Copper-Sulphide mineralisation in the Mutale Copperfield, Soutpansberg Group, South Africa
	7	12:30 – 12:50	Matebello Mokoena (Wits)	Sulphide paragenesis in the Okiep copper deposists, South Africa
		12:50 – 13:40	GROUP PHOTOGRAPHS AND LUNCH; PUT UP POSTERS DURING LUNCH	

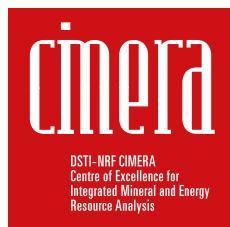


PROGRAMME (cont.)

SESSION 3: Chair for Session 3: TBC	8	13:40 – 14:00	Mangapa Moloto (UL)	Effect of mafic dykes on gold mineralisation in the Windmill orebody at the Kalahari Goldridge deposit, Kraaipan greenstone belt, South Africa
	9	14:00 – 14:20	Elvis Tamilo (Wits)	Geophysical Investigation of the Zebra Lobe, Angola & Namibia
	10	14:20 – 14:40	Bokang Ngalo (UFS)	A Sr-isotopic investigation of the Giant Mottled Anorthosite, Western Limb, Bushveld Complex
	11	14:40 – 15:00	Thabiso Sibanyoni (UJ)	Using structural geology and geochronology to constrain the emplacement age of mafic-ultramafic Ombuku South and Otjijanasemo intrusions at the periphery of the Kunene Complex, northern Namibia
	12	15:00 – 15:15	POSTER PRESENTATIONS (timed 2-minute elevator pitches; 7 presenters)	
		15:15 – 16:00	COMFORT BREAK AND POSTER VIEWING	
SESSION 4: Chair for Session 4: TBC	13	16:00 – 16:20	Amahle Ngcobo (UKZN)	A geochemical investigation of the Bethal Limb of the Bushveld Complex
	14	16:20 – 16:40	Ayakha Komzi (UJ)	Petrogenesis of mafic-ultramafic intrusions in the Goboboseb Mountains, Namibia, and implications for their Cu-Ni-PGE prospectivity
	15	16:40 – 17:00	Phambano Mudzanani (UV)	Developing a scalable mobile application to promote geotourism of geosites: A case study of the malachite exposure, Musina Area, South Africa
		17:00 – 17:30	POSTER VIEWING	
		17:30 – 20:30	NETWORKING SESSION	



DISCLAIMER: The views expressed are those of the individual and not those of the University of Johannesburg. The University confirms its dedication to academic freedom and freedom of speech through open and constructive dialogue and discourse. This must, however, be done with respect and with a view to upholding the principles of respect, safety, and freedom of association as enshrined in the law and the Constitution and within the boundaries of university policies. The event may be photographed and video recorded for media and marketing purposes. By participating you grant the University of Johannesburg permission to use and publish any recorded material.



PROGRAMME (cont.)



DAY 2: 17 November 2026				
		08:00 – 08:45	REGISTRATION AND TEA	
		08:45 – 09:00	Prof Sue Webb DSTI-NRF CIMERA Co-Director	WELCOME
SESSION	SLOT	TIME	PRESENTER	TOPIC
SESSION 5: Chair for Session 5: TBC	16	09:00 – 09:20	Ishta Maharaj (UKZN)	Detailed bedrock morphology and structural geology controls on diamond traps offshore Hottentot's Bay, southern Namibia.
	17	09:20 – 09:40	Dr Charl D. Cilliers (UWC)	Digital Geology: Virtual Field Trips, mapping, outcrop analysis
	18	09:40 – 10:00	Wendy Hlungwane (UJ)	Critical elements in the Tshipise Subbasin, Soutpansberg Coalfield, South Africa
	19	10:00 – 10:20	Pamela Mabuza (UP)	The subcontinental lithospheric mantle below the Kaapvaal Craton: Insights from peridotite xenoliths from the Cullinan kimberlite pipe
	20	10:20 – 10:40	Puleng Nthebe (Wits)	Thermochemical impact of tectonic processes on the lithospheric mantle beneath the SE margin of the Kaapvaal Craton: using mantle xenoliths from Lesotho
		10:40 – 11:10	TEA BREAK	
SESSION 6: Chair for Session 6: TBC	21	11:10 – 11:30	Bokani Moyo (UCT)	Enhancing diamond breakage classification using the morphology of natural stones
	22	11:30 – 11:50	Ratshalingwa Patience Mudanalwo (Wits)	Crustal Evolution of the Northern Part of the Kaapvaal Craton: Implications for Pietersburg block geodynamic setting.
	23	11:50 – 12:20	KEYNOTE SPEAKER:	Title: TBC
		12:20 – 13:00	LUNCH and PROFESSIONAL PHOTOGRAPHS	
		13:00 – 13:15	Translate your research presentations and winners	
		13:10 – 13:30	Best presentation & poster, vote of thanks, & Colloquium close	
		13:30 – 16:30	Soft Skills Workshop in collaboration with WiMSA; ICDP discussion forum (academics)	
		16:30	END	

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