

cimera

DSTI-NRF CIMERA
Centre of Excellence for
Integrated Mineral and Energy
Resource Analysis

DSTI-NRF CIMERA EARTH OBSERVATION MASTERCLASS

5-9 OCTOBER 2026



DSTI-NRF CIMERA in collaboration with **Helmholtz Institute Freiberg for Resource Technology** invites you to attend an in person masterclass on Earth Observation (EO) tools at the **University of Johannesburg**.



THEME:

Current developments in remote sensing for mining and exploration: From drill core scanning to drone surveys and satellite remote sensing.



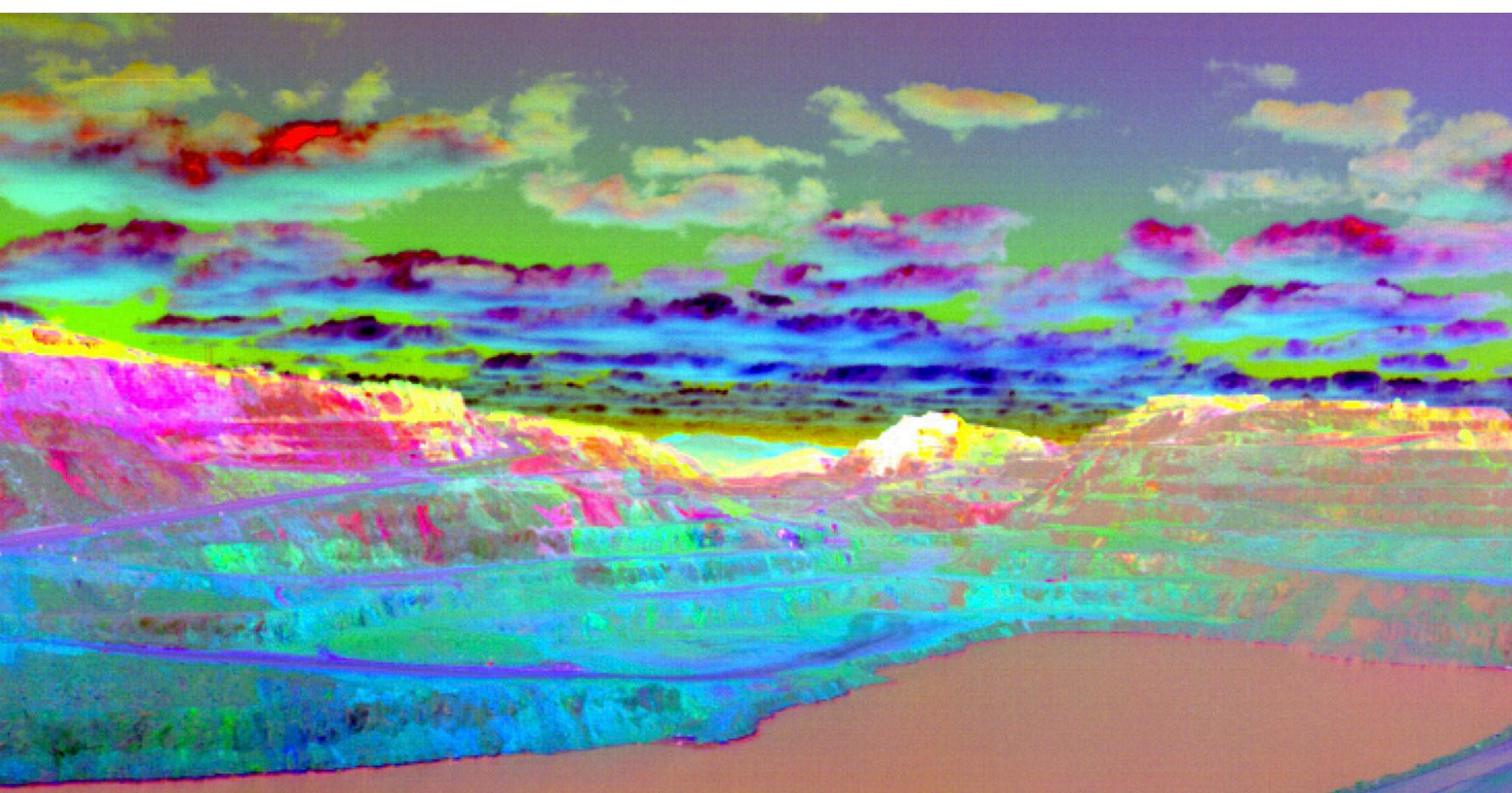
TOPICS:

- Introduction to Earth Observation (EO)
- Applications of EO in Geology
- Multi- and Hyperspectral imaging
- Photogrammetry and 3D surface models
- Introduction to machine learning tools
- Magnetics for EO
- Practical hands-on sessions



EXPERTS:

- Prof. Richard Gloaguen
- Dr. René Booysen
- Dr. Sam Thiele
- Dr. Moritz Kirsch



Send an email to imodisha@uj.ac.za or cimera@uj.ac.za to confirm attendance.



5 - 9 October 2026

Ends at lunch on the 9th of October



The University Of Johannesburg, APK Campus



science, technology
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Department:
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REPUBLIC OF SOUTH AFRICA



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