

Shocklab x Nitschke Lab Seminar #3

The Impact of Morphological
Diversity in Robot Swarms



Sindiso Mkhathwa
MSc Candidate | UCT

SAVE THE DATE

14 JUNE 2023

4 pm - 5 pm

Venue: UCT CS Building, CS203

Online link to be shared



ABSTRACT

In nature, morphological diversity enhances functional diversity, however, there is little swarm (collective) robotics research on the impact of morphological and behavioral (body-brain) diversity that emerges in response to changing environments. This study investigates the impact of increasingly complex task environments on the artificial evolution of body-brain diversity in simulated robot swarms.

For more information

shocklab@stjohngrimby.com