

NITheCS COLLOQUIUM:

# How close is Artificial General Intelligence and how will it affect fundamental science?

Prof Bruce Bassett (University of Cape Town)

**DATE:** Monday, 22 April 2024 | 16h00 – 17h00 SAST

**VENUES:**

- Neelsie Cinema, Stellenbosch University
- Online

## ABSTRACT

We explore the highly contentious issue of how close we are to genuine Artificial General Intelligence that is able to learn flexibly and generally like humans do. We then discuss what this means for research in fundamental science and end with speculations about the plausibility and consequences of Superintelligence.

## BIOGRAPHY

Bruce is a Full Professor of Applied Mathematics at the University of Cape Town (UCT) since 2008 where his research explores both the theory and applications of AI and statistical models. Bruce was formerly head of Data Science at the Square Kilometer Array Africa (SARAO).

After an undergraduate degree and MSc at UCT, Bruce went to Italy and then Oxford University for his PhD and postdoctoral years before returning to Cape Town in 2004.



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