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HYBRID EVENT

NITheCS COLLOQUIUM:

Knowledge Representation and Reasoning (in the age of Machine Learning)

Prof Tommie Meyer (University of Cape Town)

Attend in person at the Neelsie Cinema* or online
*1st Floor The Neelsie Langenhoven Student Centre, Stellenbosch University

Monday, 6 February 2023 | 16h00 – 17h00 SAST

Cheese and wine will be served after the event

ABSTRACT

In this talk I'll remind the audience that Machine Learning is one of a number of sub-disciplines of Artificial Intelligence (AI), and that it is important for the field as a whole to maintain and grow expertise in all aspects of AI. I will then proceed to practice what I preach by introducing Knowledge Representation and Reasoning as one of the pillars of AI. I'll conclude with some suggestions on how Knowledge Representation and Reasoning can benefit from research in Machine Learning, and vice versa.

BIOGRAPHY

Tommie Meyer is a full professor in Computer Science, an AIRU Research Chair in Artificial Intelligence at the University of Cape Town, and co-director of the Centre for Artificial Intelligence Research (CAIR).

He is recognised internationally as an expert in Knowledge Representation and Reasoning.

He is a member of the:

- South African Institute for Computer Scientists and Information Technologists (SAICSIT)
- Association for the Advancement of Artificial Intelligence (AAAI)
- Association for Computing Machinery (ACM)
- Academy of Science of South Africa (ASSAf).

Tommie is one of only three South African Computer Scientists to have obtained an A-rating from the NRF.

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