

S E M I N A R

Quantum Computing in Industry

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Thursday, 17 July 2025 @ 14h00-15h00 SAST

Venues: Online and Physics Seminar Room, Stellenbosch University

ABSTRACT

Quantum computing promises to revolutionise some aspects of computing and this leaves many people with a lot of questions. In this talk I will discuss how we have used quantum computing for industry use cases and discuss the lessons learned to better inform people when they should and shouldn't be looking to quantum computing as a solution to industry problems.

BIOGRAPHY

Rivan is a PhD researcher in the Institute for Quantum Computing Analysis at Forschungszentrum Jülich under Frank Wilhelm-Mauch and Tobias Stollenwerk. He completed his undergraduate and MSc at the University of Cape Town under the supervision of Jonathan Shock. His research focuses on quantum algorithms for machine learning and kernel methods in quantum computing.



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