

# Scientific Machine Learning Workshop

## Combining ML and differential equations

2–3 April 2024

Stellenbosch  
University

[sanum.github.io](https://sanum.github.io)

A workshop for learning  
the basics of Scientific  
Machine Learning  
(SciML) using the Julia  
programming language

1. Zygote.jl: automatic differentiation
2. DifferentialEquations.jl: solving ODEs
3. Flux.jl: working with neural networks
4. DiffEqFlux.jl: combining ODEs with neural networks

