

# Title Slide

# Context

Context

# What we do at QuakeCoRE

Context

# Scale of NZ Cybershake

test slide 2 content

Context

# The Old Simulation Stack

test slide 1 content

# **Technical Modernisation**

**Container + Workflow + Realisation = Simulation**

# Containerisation



# Cylc workflows

# One-File Simulation Specification

Technical Modernisation

# CI/CD

# **Scientific Capabilities**

# Flexible workflow planning

# Better visualisation tools

# Real-Time GCMT Simulations

# **Future Direction**



Future Direction

# Modernising File Formats

# Translating Old Code to Python

## **Key Takeaways**