

GRK  
2624

# Workshop

Prof. Weng Kee Wong  
Room: 217b  
25 / 26 May 2023

Workshop 2023

## PROGRAM

### Day 1 (25 May 2023)

9.00 – 10.45 a.m.

Introduction to optimal design theory for linear models with applications to the biomedical sciences' (+ exercise)

10.45 – 11.15 a.m.



11.15 – 1.00 p.m.

Optimal designs for nonlinear models with examples and applications to specific toxicology problems (+exercise)

### Day 2 (26 May 2023)

9.00 – 10.45 a.m.

Introduction to nature-inspired metaheuristics and their usefulness as general optimization tools

10.45 – 11.15 a.m.



11.15 – 1.00 p.m.

Applications of particle swarm optimization to find efficient designs and web-based tools for finding efficient designs in toxicology

Q & A Session

