**NATCOR 2023 Simulation (preliminary timetable)**

**24-28 July 2023**

Monday

12.15 – 13.00 Lunch & Registration

13.00 – 13.30 Welcome

13.30 – 14.30 Overview Modelling Approaches (Kathy Kotiadis)

14.30 – 15.30 Modelling Process (Kathy Kotiadis)

15.30 – 16.00 Break

16.00 – 17.00 Intro DES (Kathy Kotiadis)

Evening: Social Event

Tuesday

9.00 – 10.00 Industrial applications

10.00 – 11.00 Input Modelling 1 (Christine Currie)

11.00 – 11.30 Break

11.30 – 12.30 Input Modelling Lab (Christine Currie)

12.30 – 13.30 Lunch break

13.30 – 14.30 Input Modelling 2 (Christine Currie)

14.30 – 15.30 Model validation (Stephan Onggo)

15.30 – 16.00 Break

16.00 – 17.00 Anylogic Lab (Steffen Bayer)

Wednesday

9.00 – 10.00 Experimentation (Steffen Bayer)

10.00 – 11.00 Anylogic Lab (Steffen Bayer)

11.00 – 11.30 Break

11.30 – 12.30 Guest lecture (Lucy Morgan)

12.30 – 13.30 Lunch break

13.30 – 14.30 Output Analysis (Christine Currie)

14.30 – 15.30 Groupwork

15.30 – 16.00 Break

16.00 – 17.00 Groupwork

Thursday

9.00 – 10.00 Modelling in Python 1 (Tom Monk)

10.00 – 11.00 Modelling in Python 2 (Tom Monk)

11.00 – 11.30 Break

11.30 – 12.30 Modelling in Python 3 (Tom Monk)

12.30 – 13.30 Lunch break

13.30 – 14.30 Simulation Optimisation 1 (Christine Currie)

14.30 – 15.30 Simulation Optimisation 1 (Christine Currie)

15.30 – 16.00 Break

16.00 – 17.00 Guest lecture: TBC

17:00 – 17: 30 Assessment

Evening: dinner

Friday

9.00 – 10.00 Simulation Applications (Sally Brailsford)

10.00 – 11.00 Groupwork

11.00 – 11.30 Break

11.30 – 12.30 Groupwork

12.30 – 13.00 Groupwork presentations; Reflections and Closure