

Course Programme

Start (BST)	Finish (BST)	Presenter details
Monday 13 June Introduction		
12:00	12:45	Registration with lunch
12:45	13:00	Welcome and learning objectives
		<p>Scientific Programme Committee: <i>Carlo Maley, Arizona State University, USA</i> <i>Amy Boddy, UC Santa Barbara, USA</i> <i>Trevor Graham, Institute of Cancer Research, UK</i></p>
13:00	14:00	Keynote
		<p>Introduction to the session <i>Chair: Carlo Maley, Arizona State University, USA</i></p>
13:00	13:50	<p>Overview of ecology of cancer <i>Robert Gatenby, Moffitt Cancer Center, USA</i></p>
13:50	14:00	Discussion and Q&A
14:00	15:50	Session 1: Introduction to key evolutionary concepts
		<p>Introduction to the session <i>Chair: Carlo Maley, Arizona State University, USA</i></p>
14:00	15:00	<p><i>Carlo Maley, Arizona State University, USA</i> <i>Amy Boddy, UC Santa Barbara, USA</i> <i>Trevor Graham, Institute of Cancer Research, UK</i></p>
15:00	15:50	Discussion and Q&A
15:50	16:30	Break and organisation of focus groups with Faculty

16:30 18:00 Session 2: Bioinformatics for cancer

Introduction to the session

*Chair: Trevor Graham, Institute of Cancer Research, UK*16:30 17:00 *Giulio Caravagna, University of Trieste, Italy*

17:00 18:00 Interactive learning

18:00 19:00 Poster session 1 with drinks reception

19:00 20:00 Dinner

19:00 23:00 Cash bar

Tuesday 14 June 2022

09:00 10:30 Session 3: Fitting maths models to data

Introduction to the session

Chair: Eszter Lakatos, St Bartholomew's Hospital, Queen Mary, University of London, UK

09:00 09:30 *Calum Gabbutt, Institute of Cancer Research, UK*

09:30 10:30 Interactive learning

10:30 11:00 Break

11:00 12:30 Session 4: Evolutionary game theory

Introduction to the session

Chair: Amy Boddy, UC Santa Barbara, USA

11:00 11:30 *Kateřina Staňková, Delft University of Technology, The Netherlands*

11:30 12:30 Interactive learning

12:30 13:30 Lunch

13:30 15:30 Session 5: Agent-based modeling

Introduction to the session

Chair: Trevor Graham, Institute of Cancer Research, UK

13:30 14:00 *Weini Huang, Queen Mary, University of London, UK*

14:00 15:30 Interactive learning

15:30 16:00 Break

16:00 17:00 Poster session 2

18:00 19:00 Dinner

18:00 23:00 Cash bar

Wednesday 15 June 2022

09:00 10:30 Session 6: Immune selection

Introduction to the session

Chair: Amy Boddy, UC Santa Barbara, USA

09:00 09:30 *Eszter Lakatos, St Bartholomew's Hospital and Queen Mary, University of London, UK*

09:30 10:30 Interactive learning

10:30 11:00 Break

11:00 12:30 Session 7: Digital pathology and ecology

Introduction to the session

Chair: Trevor Graham, Institute of Cancer Research, UK

11:00 11:30 *Nick Trahearn, Institute of Cancer Research, UK*

11:30 12:30 Interactive learning

12:30 13:30 Lunch

13:30 15:30 Session 8: Landscape ecology

Introduction to the session

Chair: Carlo Maley, Arizona State University, USA

13:30 14:00 *Luis Cisneros, Arizona State University, USA*

14:00 15:30 Interactive learning

15:30 16:00 Break

16:00 18:00 Focus group discussions

Group leaders: Faculty

18:00 19:00 Dinner

18:00 23:00 Cash bar

Thursday 16 June 2022

09:00 10:30 Session 9: Phylogenomics - mutation rates

Introduction to the session

Chair: Carlo Maley, Arizona State University, USA

09:00 09:30 *Diego Mallo Adan, Arizona State University, USA*

09:30 10:30 Interactive learning

10:30 11:00 Break

11:00 12:30 Session 10: Phylogenomics - demographics, biogeography

Introduction to the session

Chair: Carlo Maley, Arizona State University, USA

11:00 11:30 *Diego Mallo Adan, Arizona State University, USA*

11:30 12:30 Interactive learning

12:30 13:30 Lunch

13:30 15:30 Session 11: Designing clinical trials - evol and ecol perspectives

Introduction to the session

Chair: Trevor Graham, Institute of Cancer Research, UK

13:30 14:00 *Robert Gatenby, Moffitt Cancer Center, USA*

Michelle Lockley, St Bartholomew's Hospital and Queen Mary, University of London, UK

14:00 15:30 Interactive learning

15:30 16:00 Break

16:00 18:00 Focus group discussions

Group leaders: Faculty

18:30 19:00 Drinks reception

19:00 20:30 Dinner

20:30 23:00 Cash bar

Friday 17 June 2022

09:00 10:30 Session 12: Communication

Introduction to the session

Chair: Trevor Graham, Institute of Cancer Research, UK

09:00 10:00 *Speaker TBC*

10:00 10:30 Discussion and Q&A

10:30 11:00 Break

11:00 13:00 Consolidation of learning, course summary and concluding remarks

Scientific Programme Committee:

Carlo Maley, Arizona State University, USA

Amy Boddy, UC Santa Barbara, USA

Trevor Graham, Institute of Cancer Research, UK

13:00 Grab and go lunch

13:15 Transport to Cambridge train station and city centre