

3rd Behavioural OR Summer School

20 – 24 September 2021

Full programme

Session 1: Behavioural considerations in the formulation of objectives

Monday 12:30 -16:30 (BST)

In this session, participants will learn about behavioural research that examines what people do when asked to think about objectives. In addition, they will experience the process of formulating objectives through an online interactive exercise set within the context of a decision they are currently facing. Finally, participants will have the opportunity to try methods designed to improve their ability to identify and structure multiple objectives.

Schedule

12:30	Welcome and introductions	L. Alberto Franco	Loughborough University, UK & Radboud University, The Netherlands
12:40	Introduction to value-focused thinking	Johannes Siebert	Management Center Innsbruck, Germany
13:00	Identifying objectives		
13:30	Break (15')		
13:45	Formulation of objectives		
14:15	Break (15')		
14:30	Structuring of objectives		
15:15	Break (15')		
15:30	Give yourself a nudge	Ralph Keeney	Duke University, US
16:15	Selected participant presentations and/or general Q&A	Johannes Siebert	Management Center Innsbruck, Germany
16:30	End		

Session 2: Behavioural considerations in participatory modelling

Tuesday 08:30 -12:30 (BST)

In this session, participants will learn about behavioural research that examines what people do when asked to support a participatory modelling process. After an introduction to the role of leadership in participatory modelling processes,

participants will explore the extent to which competences and behaviour affect the conduct of a participatory modelling process.

Schedule

08:30	Welcome and introductions	Etiënne Rouwette	Radboud University, The Netherlands
08:40	Leadership in participatory modelling	Raimo Hämmäläinen	Aalto University, Finland
09:40	Break (10')		
09:50	Participatory modelling competences	Sondoss El Sawah	University of New South Wales Australia
10:50	Break (10')		
11:00	Ethical issues in modelling	Alec Morton	University of Strathclyde, UK
11:40	Break (10')		
11:50	Practice Theory	Richard Ormerod	University of Warwick, UK
12:20	End		

Session 3: Behavioural considerations in elicitation processes

Thursday 12:30 -16:30 (BST)

In this session, participants will explore research that examines preference elements required for formal use in prescriptive decision analysis, specifically MAVT/MAUT. Insights from Behavioural OR studies concerning preference elicitation in a variety of settings will be discussed, including face-to-face interviews, group decision-making, and online preference elicitation. Participants will have the opportunity to experience some online preference elicitation processes. In addition, participants will learn about biases that matter in elicitation processes and how to avoid them.

Schedule

12:30	Welcome and introductions	Judit Lienert	Eawag, Switzerland
12:40	Overview of behavioural issues in preference elicitation processes	Valerie Belton	University of Strathclyde
13:30	Break (10')		
13:40	Multi-party online preference elicitation without facilitation support	Alice Aubert, Judit Lienert	Eawag, Switzerland
14:30	Break (10')		
14:40	Interactive preference elicitation exercise		
15:30	Break (10')		

15:40	Biases that matter in elicitation processes and how to avoid them	Gilberto Montibeller	Loughborough University, UK
16:30	End		

Session 4: Methodological considerations in the design and conduct of BOR studies

Friday 08:30 -12:30 (BST)

In this session, participants will learn about a sample of approaches to the design and conduct of Behavioural OR studies. After an introduction to different approaches to researching behaviour in an OR-supported context, participants will explore issues to consider in the design of behavioural experiments, pre-test and post-test evaluations, and process studies.

Schedule

08:30	Welcome and introductions	Raimo Hämmäläinen	Aalto University, Finland
08:40	Three ways of conducting BOR studies: variance, process and modelling approaches	L. Alberto Franco	Loughborough University, UK & Radboud University, The Netherlands
09:30	Break (10')		
09:40	Issues in the design of behavioural experiments	Ilkka Leppanen	Loughborough University, UK
10:30	Break (10')		
10:40	Issues in the design of pre-test and post-test evaluation studies	Etiënne Rouwette	Radboud University, The Netherlands
11:30	Break (10')		
11:40	Issues in conducting process studies	L. Alberto Franco	Loughborough University, UK & Radboud University, The Netherlands
12:30	End		

Feedback session and virtual drinks

Friday 12:30 -13:30 (BST)