STOR-i
excellence with impact

11th January, 2024

STOR-i Conference 2024 - Day 1

09:30-16:45 – Management School Lecture Theatre 3 (MAN building on the campus map)

18:30-21:00 - Evening poster presentation in Management School Lecture Theatre 3 breakout space (MAN building on the campus map)

The STOR-i Centre for Doctoral Training at Lancaster University is hosting its tenth conference with talks by key researchers from Statistics and Operational Research.

Registration, refreshments and lunch will take place in the breakout space outside Management School LT3. Talks will be held in Management School Lecture Theatre 3.

Itinerary:

09:30- Registration and refreshments outside Management School Lecture Theatre 3

10:00- **Paul Harper, Cardiff University**
        Transforming Emergency and Urgent Care Services with OR

10:45- **Hugo Winter, Moody's RMS - STOR-i Alumni**
        A career and leadership talk

11:15- **Christina Pagel, University College London**
        Simple maths for better decisions

12:00- **Lunch**

13:00- **Roberto Rossi, University of Edinburgh**
        On the Stochastic Inventory Problem Under Order Capacity Constraints

13:45- **Maddie Smith, STOR-i PhD student**
        How to combine forecasts? A puzzle

14:00- **Matthew Davison, STOR-i PhD student**
        Exploring a Many-objective University Timetabling Problem

14:15- **Refreshment break**

14:45- **Niall Adams, Imperial College London**
        Multiview learning and industry problems

15:30- Rhian Davies, Jumping Rivers – STOR-i Alumni
   A career and leadership talk

16:00- Roland Langrock, Universität Bielefeld
   Periodic variation in hidden Markov models

16:45- Talks finish

18:30-21:00 Poster Session in Management School LT3 breakout space with wine reception and buffet

12th January 2024

STOR-i Conference 2024 - Day 2

09:30-13:30 – Management School Lecture Theatre 3 (MAN building on the campus map)

Refreshments and lunch will take place in the breakout space outside Management School LT3. Talks will be held in Management School Lecture Theatre 3.

Itinerary:

09:30- **Chris Dent, University of Edinburgh**
Digital Twin based decision support: the Climate Resilience Demonstrator project

10:15- **Thomas Newman, STOR-i PhD student**
Probabilistic Inversion Modelling of Gas Emissions: A Gradient-Based MCMC Estimation of PDE Parameters

10:30- **Katie Howgate, STOR-i PhD student**
Optimizing Markdown Strategies: A Hierarchical Gaussian Process Approach for Demand Modelling in Retail

10:45- Refreshment break

11:15- **Carla Pinkney, STOR-i PhD student**
Understanding Neuronal Synchronisation in High-Dimensions

11:30- **Ben Lowery, STOR-i PhD student**
Inventory control of end-of-sales-life products with integrated online and offline sales channels

11:45- **Ruth Misener, Imperial College London**
OMLT: Optimization and Machine Learning Toolkit

12:30- Lunch

13:30- Close

Click here for a campus map.