

Operational Research

- CORMSIS: Centre for Operational Research, Management Science, and Information Systems
- Spans the Departments of Mathematics and Business
- Largest group in UK, 3rd largest group in EU: 30+ academic staff, 70+ PhD students, 100+ MSc students

Examples of Collaborators



- 100% of research in mathematics ‘world-leading’ or ‘internationally excellent’ (2014 REF)
- Ranked top 100 world-wide in QS University Rankings
- Business-facing research

Example projects

Optimising global spare part management for an international aircraft manufacturer. (3 month project resulting in \$7m annual savings.)

Optimising spacecraft design & spacecraft flight trajectories for the European Space Agency (ESA).

Modelling a multi-skilled workforce for aircraft maintenance. (Ongoing)

Computing noise-minimal approach trajectories. (Thales)

Tucano availability planning. (Babcock)

