

ESGI195 Exeter - Programme



<https://mathematics.exeter.ac.uk/esgi/>

University of Exeter, Streatham Campus, Peter Chalk Centre

[50°44'10.5"N 3°32'09.6"W](#), [///indeed.offer.blast](#)

Monday 20 July

- 10:00-11:00 Refreshments and Registration
- 11:00-11:30 Welcome
- 11:30-12:30 Problem pitches (DNV, Donkey Sanctuary, NATS)
- 12:30-13:30 Lunch
- 13:30-15:10 Problem pitches (NEOM, SRK, ATASS, Kestrel Institute, IEG Group)
- 15:10-15:30 Refreshments
- 15:30-17:30 Group formation and initial discussions

Tuesday 21 July

- 9:00-10:30 Group work
- 10:30-11:00 Refreshments
- 11:00-12:30 Group work
- 12:30-13:30 Lunch
- 13:00-17:00 Sidmouth Donkey Sanctuary site visit (limited to 16 participants)
- 13:30-15:00 Group work
- 15:00-15:30 Refreshments
- 15:30-17:30 Group work
- 17:30 Pizza and drinks
- Rooms remain open until 21:00

Wednesday 22 July

- 9:00-10:30 Group work

- 10:30-11:00 Refreshments
- 11:00-12:30 Group work
- 12:30-13:30 Lunch
- 13:30-14:00 Prepare update presentations
- 14:00-15:00 Update presentations (5-10 mins each)
- 15:00-15:30 Refreshments
- 15:30-17:00 Sponsor presentations and discussions

Thursday 23 July

- 9:00-10:30 Group work
- 10:30-11:00 Refreshments
- 11:00-12:30 Group work
- 12:30-13:30 Lunch
- 13:30-15:00 Group work
- 15:00-15:30 Refreshments
- 15:30-17:30 Group work
- 17:30 Pizza and drinks
- Rooms remain open until 21:00

Friday 24 July

- 9:00-10:30 Final presentations
- 10:30-11:00 Refreshments
- 11:00-12:30 Final presentations
- 12:30-14:00 Close and lunch
- 13:30-17:30 Optional - Grant scoping and report writing

Breakout room allocation (tentative and subject to change)

Challenge	Room
ATASS (Assistive tools for vision-impaired researchers)	2.6
DNV (System-strength metric for grids)	2.5

IEG Group (Graph properties of floor plans)	2.4
Kestrel Institute (Formalising mathematics of cryptography)	1.1
NATS (Decision support for flight profile changes)	1.2
NEOM Nature (Carbon capture modelling)	1.3
SRK Exploration (Spatial mapping of mineral prospectivity)	1.5
The Donkey Sanctuary (Developing a Donkey Risk Index)	1.6
Unallocated rooms also available for use by ESGI participants	1.4, 2.1, 2.2, 2.3