

International EISCAT Radar School, 11 – 15 August 2025 Kilpisjärvi, Finland												
Finland Time (UTC+3)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday					
08:00		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast					
08:15												
08:30												
08:45			Intro to the radar and its history (Maxime Grandin)	Running GUIDAP + Eiscat Jupyter (Carl-Fredrik)	Interpreting ISR Data (Ian McCrea)	Phased Arrays & Interferometry (Devin Huyghebaert)	Departure					
09:00					ISR-4: Statistical Signal Processing (Ilkka Virtanen)							
09:15												
09:30					D-region IS spectrum (Neethal Thomas)							
09:45												
10:00		Coffee	Coffee	Coffee	Coffee	Coffee						
10:15			ISR-1: Introduction to Incoherent Scatter Radar (Anja Strømme)									
10:30		Check-in for Monday arrivals	KAIRA (Antti Kero)	EISCAT_3D (Thomas Ulich)	Heating (Theresa Rexer)	Hands on ISR Signal Processing Demo (Juha Vierinen)						
10:45												
11:00		Welcome & Practical Info (Antti Kero)	ISR-2: IS Theory (Juha Vierinen)	Excursion preparation	Error analysis (Thomas Ulich)	ESA & SWARM mission (Anja Strømme)						
11:15												
11:30		Welcome from EISCAT CEO (Philip Pålsson)										
11:45												
12:00												
12:15		Lunch	Lunch	Lunch	Lunch	Lunch						
12:30												
12:45												
13:00												
13:15		Introductions of instructors and students	ISR-3: IS Fitting (Ilkka Virtanen)	Excursion to KAIRA and Skibotn EISCAT_3D site	Optical and radar studies of mesopause region (Peter Dalin)	Group work						
13:30					Group Work							
13:45												
14:00		Intro to ionosphere (Ian McCrea)	EISCAT Experiments: Selecting observation modes (Carl-Fredrik)									
14:15												
14:30		Coffee	Coffee			Coffee	Coffee					
14:45												
15:00		Unique and fun EISCAT Experiments (Ian, Devin)	Group work: Science proposal for Radar Experiments	Excursion to KAIRA and Skibotn EISCAT_3D site	General Q&A	Group Presentations & closing remarks						
15:15					Group Work							
15:30												
15:45												
16:00		Accessing archived EISCAT data in portal and Madrigal (Carl-Fredrik Enell)	Proposal submission Deadline 17:00									
16:15												
16:30												
16:45												
17:00	Dinner	Dinner	Dinner		Dinner	Dinner						
17:15												
17:30												
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18:00				Dinner	Group work							
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19:00		Team building exercise (Theresa Rexer)			Group work							
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