



**Agenda
Rad-Sat Meeting
17-18 September 2018
1L61, Department of Meteorology (Building 58), Earley Gate
Whiteknights Campus, University of Reading, RG6 7BE**

Monday 17th September

Arrive 09:00 meet and coffee

Progress Reports

09.30	Introductions	Richard
09.40	WP1 - Modelling and forecasting the radiation belts	Sarah
09.50	WP2 - Acceleration and loss due to wave-particle interactions	Nigel
10.00	WP3 - Non-linear wave-particle-interactions	Oliver
10.10	WP5 - Solar wind driving of the waves	Misha
10.20	WP4 - Electron transport by magnetosonic waves	Jonny
10.30	WP6 - Severe space weather events	Jonathan
10.40	Coffee	

Science topics and discussion

11:10	Rad-Sat project focus	Richard
11.45	Variability of Quasilinear Diffusion Coefficients for Plasmapheric Hiss	Clare/Reading
12.30	Lunch provided – at University of Reading	
14.00	Radial Diffusion during storm events	Jonny/MSSL
14.45	Particle tracing and extreme event simulation	Ravi/Imperial
15.30	Tea break	
16:00	Solar Wind Plasma Wave coupling	Simon/Sheffield
16.45	Open discussion on topics arising during the day	
17.30	Finish	
19:00	Dinner – Cote Brasserie - Reading	



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Tuesday 18th September

Science topics and discussion

09.00	Observations of transmitter signals	Nigel/BAS
09.45	Modelling the inner radiation belt	John/Sarah/BAS
10:30	Coffee	
11.00	Additional science topic	Clare/Reading
11.45	New space weather webpages	Richard
12.15	Lunch provided – at University of Reading	
13.30	Discussion – Space Industry needs	Richard/Stakeholders
14.30	Tutorial on Particle in Cell simulations	Oliver/Reading
15.30	Open discussion on topics arising	
17.00	Finish	

Template for the Progress reports

- Progress against work plan
- Science highlight
- Collaboration with other WPs
- Dissemination & Outreach
- Next Steps

All graduate students and Post-Docs are welcome to attend and contribute to the discussions.