



**Agenda
Rad-Sat Meeting
17-18 April 2018
Imperial College, London, Rm 503, Huxley Building**

Tuesday 17th April

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	Clare
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	
11:10	Management matters Meeting format, Future meetings, Publications, Web site, Highlights	Richard
11.30	Stakeholder presentation - Satellite operations	Stephen Graham
12.30	Lunch – outside Imperial College – own arrangements	

Science topics and discussion

14.00	Diffusion Coefficients: Which ones to use and in what format are they most useful?	MSSL/Jonny
14.45	Testing the limits of QLT: formal assumptions and practical usage	Reading/Clare
15.30	Tea break	
16.00	Identification of Magnetosonic Waves	Sheffield/Simon
16.45	Laboratory astrophysics experiment tour	Imperial/Jonathan
17:30	Finish	
19:00	Dinner –Da Mario Restaurant – 15 Gloucester road, London, SW7 4PP	



**Agenda
Rad-Sat Meeting
17-18 April 2018
Imperial College, London, Rm 503, Huxley Building**

Wednesday 18th April

Science topics and discussion

09:00	Inner radiation belt	BAS/Richard
09:45	RadCube project and Rad-Sat plus Magnetometer Lab tour	Imperial/Jonathan
10:45	Coffee	
11:15	Preliminary analysis of the Van Allen Probes wave data	BAS/Nigel
12:00	Lunch – outside Imperial College – own arrangements	
13:30	Tutorial on MHD modelling	Imperial/Jonathan
14.15	Wrap up discussion	
15:00	Finish	

Template for the Progress reports

- Statement of work done
- Collaboration with other WPs
- Next Steps
- Dissemination
 - Papers, Talks
- Outreach
 - Schools, Press, Radio, TV, Podcasts

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