



**Agenda**  
**Rad-Sat Meeting**  
**21-22 April 2020 10:00am-12:30pm**  
**Via Zoom: <https://ukri.zoom.us/j/580797194>**

**Tuesday 21<sup>st</sup> April**

10.00	Introduction and Welcome	Richard Horne BAS
10.15	<b>Global model of whistler mode chorus in the near equatorial region (<math> \text{MLAT}  &lt; 18</math> degrees)</b> WP2 Science Highlights 20 min talk, 10 min Q&A	Nigel Meredith BAS
10.45	<b>Comparing high energy electron precipitation from radiation belt models to satellite observations</b> WP1 Science Highlights 20 min talk, 10 min Q&A	Jade Reidy BAS
11.15	Break	If you keep to time!
11.30	<b>Using numerical experiments to understand quasilinear and nonlinear dynamics due to wave-particle interactions</b> WP3 Science Highlights 20 min talk, 10 min Q&A	Oliver Allanson University of Reading
12.00	<b>Insurance Aspects of Satellites</b> 20 min talk, 10 min Q&A	Euan Sandison AXA XL
12.30	Lunch	
14.00	<b>Optional open discussion if able to join</b>	All



**Agenda**  
**Rad-Sat Meeting**  
**21-22 April 2020 10:00am-12:30pm**  
Via Zoom: <https://ukri.zoom.us/j/580797194>

**Wednesday 22<sup>nd</sup> April**

10.00	<b>Storm Time ULF Waves: How important are they for radial diffusion?</b> WP4 Science Highlights 20 min talk, 10 min Q&A	Jasmine Sandhu MSSL
10.30	<b>NARMAX electron flux and wave models</b> WP5 Science Highlights 20 min talk, 10 min Q&A	Richard Boynton University of Sheffield
11.00	<b>Drift orbit bifurcations &amp; magnetopause shadowing within Global MHD simulations</b> WP6 Science Highlights 20 min talk, 10 min Q&A	Ravi Desai Imperial College London
11.30	Break	If you keep to time!!
11.45	<b>Using ground-based magnetometers for GEO surface charging investigations, and some thoughts on the cause of the mysterious 'Green' spacecraft anomalies</b> 20 min talk, 10 min Q&A	Dave Pitchford SES Engineering
12.15	Review of meeting and AOB	Richard Horne BAS
12.30	End of Meeting	