

IADC 34 Oxford – WG1 Agenda

Day 1: Tuesday 29th March 2016

08:00 – 09:00 Registration (Rutherford Appleton Lab)

09:00 – 12:30 Opening Plenary of 34th IADC Meeting

Location: Pickavance Lecture Theatre

1. Welcome addresses
2. Address by the previous IADC Chair
3. Statements by IADC Heads of Delegation
4. Working Group reports
5. Group photo

12:30 – 14:00 Lunch break

14:00 – 15:15 Session 1.3 General

Conference Room, ECSAT (European Centre for Space Applications and Telecommunications)

1. Meeting overview and objectives, status of AIs, summary of October 2015 SG meeting (P. Herridge, T. Yanagisawa, 15 min)
2. Update and approval of agenda (P. Herridge, T. Yanagisawa, 5 min)
3. Agency status reports space debris related activities in 2015/2016 (ASI, CNES, CNSA, CSA, DLR, ESA, ISRO, KARI, JAXA, NASA, ROSCOSMOS, SSAU, UKSA, 5 min per WG1 member Agency)

15:15 – 15:45 Coffee/tea break

15:45 – 16:00 Session 1.4 General (continued)

Conference Room, ECSAT

1. Nominations for new Deputy Chair

16:00 – 16:15 Preparation of WG1 report to SG

16:15 – 17:15 WG reports to SG

17:30 – 19:00 Welcome drinks/Tour of Satellite Application Catapult

19:30 Bus to Oxford leaves from Satellite Applications Catapult

Day 2: Wednesday 30th March 2016

09:00 – 10:30 Session 2.1

Conference Room, ECSAT

1. Large LEO object light curves - results of reanalysis (T. Yanagisawa, JAXA, 20 mins)
2. Status of report on AI 31.2 - LEO lightcurves
3. Status of report on AI 23.2 - HAMR (T. Schildknecht, ESA, 10 mins)

10:30 – 11:00 Coffee Break

11:00 – 13:00 Session 2.2

Conference Room, ECSAT

1. MCAT and UKIRT (S. Lederer, NASA, 25 mins)
2. Observations with JGT at St Andrews (A. Scholz, UKSA, 15 mins)
3. IADC campaign trial observations using SPADE (O. Lanciano, ASI, 15 mins)
4. Results from attitude determination study (T. Schildknecht, ESA, 20 mins)
5. Results from 2015/2016 observation campaigns (T. Cardona, ASI, 20 mins)

12:30 – 14:00 Lunch break

14:00 – 15:15 Session 2.3

Conference Room, ECSAT

1. South-Staring BPE - First TIRA Results (K. Letsch, ESA, 20 mins)
2. Status of report on AI 33.3
3. Azimuthal Rotating Antenna for Space Debris Detection (K. Letsch, ESA, 15 mins)
4. Update on ESA bistatic breadboard (F. Muller, CNES, 20 mins)

15:15 – 15:45 Coffee/tea break

15:45 – 16:00 Session 2.4

Conference Room, ECSAT

1. Nominations for new Deputy Chair
2. New AI on optical observations of Molniya orbits

16:00 – 16:15 Preparation of WG1 report to SG

16:15 – 17:15 WG reports to SG

17:30 Bus to Oxford leaves from Satellite Applications Catapult

Day 3: Thursday 31st March 2016

09:00 – 10:30 Session 3.1 *Joint session with WG2*

Conference Room 12/13, Building R68

1. Large LEO object light curves - results of reanalysis (T. Yanagisawa, JAXA, 20 mins)
2. Characterisation of orbital debris via hyper-velocity ground-based tests (H. Cowardin, NASA, 20 mins)
3. Optical observations of Briz-M fragments in GEO (T. Schildknecht, ESA, 20 mins)
4. Re-entry Analysis Using Radar Measurements (H. Hinagawa, JAXA 20 mins)

10:30 – 11:00 Coffee Break

11:00 – 13:00 Session 3.2

Conference Room, ECSAT

1. Use of COSMOS for debris tracking (B. Hainaut, 20 mins)
2. Development of la Sapienza international network of observatories for space surveillance (F. Piergentili, ASI, 20 mins)
3. Increasing of GEO/HEO space debris discovery rate due to annual development of the ISON network (I. Molotov, Roscosmos, 20 mins)
4. Detection of LEO objects using CMOS sensor (T. Yanagisawa, JAXA 20 mins)

12:30 – 14:00 Lunch break

14:00 – 15:15 Session 3.3

Conference Room, ECSAT

1. Ursa Maior: a cubesat to be used as calibration target (F. Santoni, ASI, 20 mins)

15:15 – 15:45 Coffee/tea break

15:45 – 16:00 Session 3.4

Conference Room, ECSAT

16:00 – 16:15 Preparation of WG1 report to SG

16:15 – 17:15 WG reports to SG

17:30 Bus to Oxford leaves from Satellite Applications Catapult

19:00 – 22:30 Conference Dinner

Randolph Hotel, Beaumont Street, Oxford

Day 4: Friday 1st April 2016

09:00 – 10:30 Session 4.1

Conference Room, ECSAT

1. Future directions for WG1

10:30 – 11:00 Coffee Break

11:00 – 12:00 Session 4.2

Conference Room, ECSAT

1. A.O.B.
2. Preparation of final presentation to plenary meeting

12:00 – 13:00 Closing Plenary of 34th IADC Meeting

Pickavance Lecture Theatre

12:30 – 14:00 Lunch break

14:00 Bus to Oxford, Departure

34th IADC Meeting Agenda

Start Time	29 th March (Tuesday)	30 th March (Wednesday)	31 st March (Thursday)	1 st April (Friday)
8:00	Registration Rutherford	Coaches collect from	Coaches collect from	Check out of hotels
8:30	Appleton Lab	Oxford	Oxford	Coaches from hotels
9:00	Opening Plenary Pickavance Lecture Theatre – RAL	Working Group Sessions Various Locations	Working Group Sessions Various Locations	Working Group Sessions Various Loca1ons
9:30				Closing Plenary Pickavance Lecture Theatre - RAL
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00				Lunch
13:30				
14:00	Working Group Sessions Various Locations	Working Group Sessions Various Locations	Working Group Sessions Various Locations	
14:30				
15:00				
15:30				
16:00				
16:30				
17:00			Coaches to Oxford	
17:30				
18:00	Welcome Drinks Reception at Satellite Applications Catapult and tour of RAL Space Test facility RAL Space Test facility	Coaches to leave		
18:30				
19:00			Coaches to evening Banquet at The Randolph Hotel	
19:30				
20:00	Coaches to leave			
20:30				
21:00				
21:30				
22:00				
22:30				
23:00			Coaches back to hotel	
23:30				