

Mon 16 September 2019 99 City Road, London		Tues 17 September 2019 99 City Road, London		Weds 18 September 2019 99 City Road, London		Thurs 19 September 2019 99 City Road, London		Friday 20 September 2019 99 City Road, London	
MODULE 1 SATCOMS ESSENTIALS		MODULE 2: LINK ENGINEERING		MODULE 3: ANTENNAS AND SPACECRAFT ENGINEERING		MODULE 4: NETWORKS AND SYSTEM DESIGN		MODULE 5: WORKSHOP EXERCISES & INMARSAT TOUR	
08:30	Refreshments and registration	08:45	Arrival refreshments	08:45	Arrival refreshments	08:45	Arrival refreshments	08:45	
09:00	IET and Chairman's welcome <i>David Bookham BDE Space</i>	09:00	Session 5 Link Budget Primer <i>Tim Tozer University of York</i>	09:00	Session 9 Antennas <i>Tim Waterfield Airbus DS</i>	09:00	Session 13 Earth Station RF Engineering <i>David Bookham BDE Space</i>	09:00	Session 17 Project briefings: Earth station design <i>Project leader: David Bookham, BDE Space</i>
09:05	Session 1 Principles and background of Satellite communications <i>David Bookham BDE Space</i>							09:30	Payload design <i>Project leader: Daryl Jones, Airbus Defence and Space</i>
10:30	Refreshment break	10:30	Refreshment break	10:30	Refreshment break	10:30	Refreshment break	10:30	Refreshment break
11:00	Session 2 Commercial Aspects of Satcoms <i>David Jowsey BT Media &amp; Broadcast</i>	11:00	Session 6 Modulation and Coding for Satellite Systems <i>Tim Tozer University of York</i>	11:00	Session 10 Satcom on the Move (SOTM)	11:00	Session 14 TCP/IP and Satellite <i>Gorry Fairhurst University of Aberdeen</i>	11:00	Project 1 Room 1 Project 2 Room 2
12:30	Lunch	12:30	Lunch	12:30	Lunch	12:30	Lunch	12:30	
13:30	Session 3 Milsatcoms <i>Dave Davis, Technical Director - Global Service Provider Group, VT iDirect</i>	13:30	Session 7 Satellite System Planning - Power Link Budgets <i>Barry Evans University of Surrey</i>	13:30	Session 11 Spacecraft Engineering & Operations <i>Alan Howell, Chief Space Segment Architect, Inmarsat</i>	13:30	Session 15 Propagation <i>Alan Stocker University of Leicester</i>	13:30	PROJECT WORK
15:00	Refreshment break	15:00	Refreshment break	15:00	Refreshment break	15:00	Refreshment break	15:00	Refreshment break
15:30	Session 4 Emerging Technologies – Satellite-5G Future Vision <i>Paul Febvre, Satellite Applications Catapult</i>	15:30	Session 8 QoS Design Using Link Budgets <i>Barry Evans University of Surrey</i>	15:30	Session 12 Payload Engineering <i>Daryl Jones Airbus DS</i>	15:30	Session 16 Satellite Access Techniques <i>Paul Mitchell University of York</i>	15:15	Session 19 Inmarsat onsite tour 99 City Road
								16:45	Course Roundup
17:00	Close of Day 1	17:00	Close of Day 2	17:00	Close of Day 3	17:00	Close of Day 4	17:00	Event close
						17:30	IET Satellite TPN Networking Evening (the Singer Tavern)		