



ABU REGIONAL WORKSHOP ON SATELLITE BROADCASTING

14-16 MAY 2013, COLOMBO, SRI LANKA

Satellite broadcasting has been and is a widely used means of delivery of content for broadcasters around the globe. Like many satellite technology has evolved over the years with many new and cutting edge innovations helping broadcasters and operators provide better quality services to their audiences.

This three day workshop provides expert knowledge and information on the satellite technologies focusing on the fundamentals of satellite communications, broadcasting over C-band, evolution of the ku and the ka-band and the enabling technologies behind these platforms. It will also look into the regulatory issues, new IP based advanced technologies and its applications as well as share some case studies and experiences of new implementations in different regions around the world.

PROGRAMME

Time	Topic	Speaker
Day 1: 14 May (Tuesday)		
Opening Session		
0930-1015Hrs	Welcome remarks Organisation of Workshop Keynote Address	EAP Networks ABU Technology Kithsiri Samarasinghe, Uni. of Moratuwa
1015-1045Hrs	<i>Tea Break</i>	
Session 1: Introduction to Satellite Broadcasting		
1045 - 1130Hrs	Introduction to Satellite Technologies Fundamentals	Power PAN, APT Satellite
1130 - 1230Hrs	Earth Stations - Feeder Links	Pradeep Asthana, Newtec
1230-1400Hrs	<i>Lunch</i>	
Session 2: C-Band Broadcasting, DTV and WiMAX		
1400 - 1445Hrs	WiMAX Impact to Satellite TV Reception and Solutions	Power PAN, APT Satellite
1445 - 1530Hrs	Ku-band Satellite, DTH Platforms, The use of C-band Satellite Broadcasting	Pradeep Asthana, Newtec
1530-1600Hrs	<i>Tea Break</i>	
1600 - 1645Hrs	Digital Television via Satellite	Vikas Garg, AsiaSat

1645 - 1730Hrs	The Growth of C-Band Broadcasting in India	Pankaj Giri & Prateek Katoch, BECIL
Day 2: 15 May (Wednesday)		
Session 3: Advanced Satellite and New Platforms		
0915 - 1045Hrs	Advanced Satellite IP TV & Radio Networks	Simon Pryor, Newtec
1045-1115Hrs <i>Tea Break</i>		
1115- 1230Hrs	MCPC Platform Introduction	Cynthia Zhang, APT Satellite
1230-1400Hrs <i>Lunch</i>		
Session 4: KA-SAT, Ka Band and ITU Regulations		
1400 - 1445Hrs	Introduction to Satellite Link	Palitha Gallage, SLRC
1445 - 1530Hrs	Satellite Broadcasting in Sri Lanka	Bandara Attanayake, Dialog TV
1530-1600Hrs <i>Tea Break</i>		
1600 - 1730Hrs	KA-SAT and Ka Band HTS, Launch of the First Full-Ka HTS Satellite in Europe	Cristiano Benzi, EUTELSAT
Day 3: 16 May (Thursday)		
Session 5: Round Table Discussions		
0915- 1015Hrs	ITU Satellite Regulations	Upali Arambewale, Uni. of Sri Jayawadanapura
1015-1045Hrs <i>Tea Break</i>		
1045- 1230Hrs	Round Table Discussion	Cristiano Benzi, Simon Pryor
1230-1400Hrs <i>Lunch</i>		
Session 6: Visit to Satellite Control Center		
1400 - 1700Hrs	Visit to Broadcasting Institute and Satellite Control Center	

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