

ATMS INDIA 2009 CONFERENCE



VENUE : Hotel Fortune Select Manohar, Begam Pet, Hyderabad  
040 – 66543011, 66543456

DATE : January 29-31, 2009

PROGRAMME

Agenda - 29- JAN- 2009

FIRST DAY

09:30 – 10:30	Registration of delegates		<b>Platinum Sponsorer</b>
	Exhibitors to put up their stalls		
	<b>Invocation</b>		
10:30 - 10:40	Welcoming dignitaries on dais with bouquet (7 persons) (ATMS President, Guest of Honour, Chief Guest, Patrons of the Society.)		<b>Gold Sponsorer</b>
10:40 - 10:45	Secretarial Address	Secretary ATMS	
	Lighting of Lamp by Chief Guest		
10:45 - 11:15	Keynote address by Chief Guest – Dr. K.N. Shankara	Chief Guest	<b>Silver Sponsorer</b>
11:20 – 11:25	Guest of Honour – Dr. B. K. Sinha		
11:25 – 11:30	Dignitarie's address – Mr. Noah Isman		
11:30 – 11:40	Dignitarie's address – Mr. Carlo Rizzo		<b>Bronze Sponsorer</b>
11:40 – 11:45	Memento Presentation		
11:45 – 12:00	High Tea		
<b>Session – I</b>	<b>General Antenna Measurements - By Dr. Surendra Pal - Distinguished Scientist and Programme Director IRNSS, ISAC, Bangalore, India.</b>		
12:00 – 12:30	Session Chairman's Address / Invited Talk – 30 Minutes.		
12:30 – 12:40	<b>A State of the Art Anechoic Chamber for Air vehicle Testing at Alenia Aeronautica By Ilario Bertino, et.al, Italy.</b>		
12:40 – 12:50	<b>TEST ZONE PERFORMANCE IN LOW FREQUENCY ANECHOIC CHAMBERS By Mark Winebrand, et.al Orbit/FR, Israel.</b>		
12:50 – 13:00	<b>Body Effects on Radiation Patterns of Low Gain Wide Beamwidth Antennas By Puneet Kumar Mishra, ISAC, Bangalore, India.</b>		
13:00 – 13:10	<b>The characterization of low frequency medium gain short back fire antenna By H.C.Sanandiy, et.al, SAC, ISRO, Ahmedabad, India., India.</b>		<b>BAG sponsorer</b>
13:10 – 13:15	Q & A SESSION FOR 05 MINUTES		

13:15 – 14:15	<b>LUNCH</b>		
<b>Session II</b>	<b>Near Field Measurements</b> – Dr. D. C. Pande, Sci. 'G' LRDE, Bangalore, India.		
14.15 - 14.45	Session Chairman's Address / Invited Talk – 30 Minutes.		
14:45 – 14:55	<b>Experimental validation of the nf–ff transformation with helicoidal scanning suitable for elongated antennas</b> By F. D'Agostino, et.al, Italy		
14:55 – 15:05	<b>Near Field Diagnostic Microwave Imaging Facility</b> By Anjali Bhatia, et.al, Defence Laboratory, Jodhpur.		
15:05 – 15:15	<b>Comparative analysis of wide band circular polarised field probes</b> By L. J. Foged et.al, SATIMO, Italy		
15.15 - 15.25	<b>Using Planar Near-Field Facility for DBF Measurements</b> By Upendra S. Pandey, LRDE, Bangalore.		
15.25- 15.30	Q & A SESSION FOR 05 MINUTES		
15.30 – 15:45	<b>TEA</b>		
<b>Session III</b>	<b>Microwave Rf absorbers &amp; Anechoic chamber</b> – Mr. Noah Isman, Orbit/FR, Israel.		
15:45 – 16:15	Session Chairman's Address / Invited Talk – 30 Minutes.		
16:15 – 16:25	<b>Design and Testing of Fire Retardant Microwave Absorbers</b> By Dr. Kanhiya Lal, Gandhinagar, India.		
16:25 – 16:35	<b>105 m Long Anechoic chamber for High Power measurements</b> By Vincent KEYSER, SIEPEL - France		
16:35 – 16:45	<b>Taper Chamber Technology: Benefits and Limitations</b> By Dr. Rodriguez, ETS-Lindgren, USA.		
16:45 – 16:55	<b>Chamber Types and Applications</b> By Gabriel A. Sanchez - Advanced ElectroMagnetics, Inc (AEMI), USA		
16:55 – 17:00	Q & A SESSION FOR 05 MINUTES		

## Agenda – 30-JAN-2009

## SECOND DAY

<b>Session IV</b>	<b>Theoretical Analysis , Software and Design</b> – Dr. Carlo Rizzo, MI Technologies & Vice President, AMTA, USA.		
10:30 - 11:00	Session Chairman's Address / Invited Talk – 30 Minutes.		
11:00 - 11:10	<b>Squinted Beam Microstrip Antenna at X-Band</b> By Satyajit Chakrabarti, SAMEER, Kolkata, India.		
11:10 – 11:20	<b>A Novel Concept of Beam Steering for Spacecraft Antenna Reflectors using Smart Materials</b> By B S MUNJAL et.al, SAC, ISRO, Ahmedabad, India., India.		
11:20 – 11:30	<b>Design of Quasioptical Antenna for Temperature Sounder</b> By Ila Agnihotri, et.al, SAC, ISRO, Ahmedabad, India.		
11:30 – 11:40	<b>Analysis of Parabolic Reflector Antennas with Axial and Lateral Feed Displacements Using Aperture Distribution Method</b> By Deven J. Chheda, et.al, SAC, ISRO, Ahmedabad, India.		
11:40 – 11:45	Q & A SESSION FOR 05 MINUTES		
11.45 - 12.00	<b>TEA</b>		
<b>Session V</b>	<b>Phased Array Antenna Measurements &amp; Communications Systems</b> - Mr. V. Mahadevan, ISAC, Bangalore., India.		
12:00 – 12:30	Session Chairman's Address / Invited Talk – 30 Minutes.		
12:30 – 12:40	<b>Wide band V/UHF phased array antenna for indoor RCS</b>		

	<b>measurement</b> By L. J. Foged, et.al, SATIMO, Italy.		
12:40 – 12:50	<b>0.9 M S-Band Stabilization Platform</b> By Mr. Gopal Krishna ECIL		
12:50 – 13:10	Invited Talk -		
13:10 – 13:15	Q & A SESSION FOR 05 MINUTES		
13:15 – 14:15	<b>LUNCH</b>		
<b>Session VI</b>	<b>Compact Range Technology</b> – Mr. Moshe Pinkasy, Orbit/FR, Israel.		
14.15 - 14.45	Session Chairman's Address / Invited Talk – 30 Minutes.		
14:45 – 14:55	<b>High Accuracy Compact Range Antenna Measurement Facility</b> By G.Pinchuk1, et.al, Orbit/FR, Israel		
14:55 – 15:05	<b>A HIGH performance low frequency compact range feed</b> By John Aubin, et.al, ORBIT/FR Inc., Israel.		
15:05 – 15:15	<b>Pattern Characterization of On-board Antennas in Compact Antenna Test Facility</b> By Puneet Kumar Mishra, ISAC, ISRO, Bangalore, INDIA.		
15.15 - 15.25	<b>The Evolution of an aircraft test chamber design</b> By Gabriel A. Sanchez - Advanced ElectroMagnetics, Inc (AEMI), USA		
15.25- 15.30	Q & A SESSION FOR 05 MINUTES		
15.30 – 15:45	<b>TEA</b>		
<b>Session VII</b>	<b>Radar Cross Section Imaging and Passive Intermodulation &amp; Special Antenna Design</b> – Dr. V. G. Borkar, Sr. Scientist, RCI, Hyderabad, India.		
15:45 – 16:15	Session Chairman's Address / Invited Talk – 30 Minutes.		
16:15 – 16:25	<b>Passive Intermodulation (PIM) Tests on DGR Antennas of INSAT-4A</b> By M.B. Mahajan, SAC, ISRO, Ahmedabad, India.		
16:25 – 16:35	<b>Compact Light Weight Shaped Beam Antenna</b> By M. Kumar, , et.al, ISAC, ISRO, Banalore., India.		
16:35 – 16:45	<b>Design of a novel Multi mode feed horn for an Offset-Fed Reflector antenna</b> By Dhaval Pujara, Nirma University of Science & Technology, Ahmedabad, India.		
16:45 – 17:05	Invited Talk -		
17:05 – 17:10	Q & A SESSION FOR 05 MINUTES		
	<b>COCKTAILS &amp; DINNER</b>		
<b>Agenda –</b>	<b>31-JAN-2009</b>	<b>THIRD DAY</b>	
<b>Session VIII</b>	<b>Material and Specialized Measurements –</b> Dr. Rodriguez. ETS-Lindgren, USA.		
10:30 - 11:00	Session Chairman's Address / Invited Talk – 30 Minutes.		
11:00 - 11:10	<b>Fabrication Technique, design and development of Traveling Wave Antenna on a Conical Surface</b> By Prof D Sundararajan, Don Bosco Institute of Tech., Mumbai, India		
11:10 – 11:20	<b>Antenna Sampler for Online WiMax BTS Testing</b> By Ms Ashwini Kotrashetti, Asst. Prof., Don Bosco Institute of Tech., Mumbai, India		
11:20 – 11:30	<b>Design and Evaluation of Large-size Helmholtz Coil Systems for Magnetic Field Susceptibility Testing and Calibration of Magnetic Field Sensors</b> By C. M. Nagrani, Sahajanand Laser Technology Ltd, Gandhinagar, India		
11:30 – 11:40	<b>Hybrid PZT coated Prime Fed Spacecraft Antenna</b>		

	<b>Reflectors development and Testing – A Novel Concept</b> By B. S. Munjal, SAC, Ahmedabad, India.		
11:40 – 11:45	Q & A SESSION FOR 05 MINUTES		
11.45 - 12.00	<b>TEA</b>		
<b>Session IX</b>	<b>Range Certification And Validation –</b> Prof D. Sundararajan, Don Bosco Institute of Technology, Mumbai, India.		
12:00 – 12:30	Session Chairman’s Address / Invited Talk – 30 Minutes.		
12:30 – 12:40	<b>Numerical Evaluation of Absorber Reflectivity in an artificial waveguide</b> By Jan Dauwen, Emerson & Cumming , Belgium.		
12:40 – 12:50	<b>Design of wide band anechoic chamber</b> By V. R. Sheth, SAC, ISRO, Ahmedabad, India.		
12:50 – 13:00	<b>Design, Installation and Validation of Multi-Purpose Microwave Anechoic Chamber</b> By Kanhiya Lal, Sahajanand Laser Technology Ltd, Gandhinagar, India.		
13:00 – 13:10	<b>CATR Presentation of SAMEER, Kolkata</b> by Vivek Singh		
13:10 – 13:15	Q & A SESSION FOR 05 MINUTES		
13:15 – 14:15	<b>LUNCH</b>		
<b>Session X</b>	<b>General Radio Frequency Measurement Technology - Mr.</b> Uri Shemer, ORBIT/FR, ISRAEL		
14.15 - 14.45	Session Chairman’s Address / Invited Talk – 30 Minutes.		
14:45 – 14:55	<b>Sensitivity Measurements for GSM Phones</b> By Ajit Yadav, Loughborough, U.K.		
14:55 – 15:05	<b>Development of phase Matched Broad band dipole Antennas for Interferometric Direction Finding System</b> By C.Sairam, DLRL, Hyderabad, India.		
15:05 – 15:15	<b>Multi Band Rectangular Ring Microstrip Antenna for UWB Wireless Applications</b> By Sangam Kumar Singh – Punjab Engg. College, Chandigarh.		
15.15 - 15.25	<b>Antenna G/T Measurement using extra terrestrial radio sources</b> By A. C. Mohanty, , et.al. , MCF, ISRO, Hasan, India.		
15.25- 15.30	Q & A SESSION FOR 05 MINUTES		
15.30 – 15:45	<b>TEA</b>		
	<b>Session Close</b>		
16.00 - 17.00	<b>Panel Discussion &amp; General Body Meeting of ATMS</b>		

A guide map of Hotel Fortune Select Manohar, Hyderabad, INDIA.

