

INTERNATIONAL CONFERENCE
ON
SECOND CIRCULAR
MICROWAVES, ANTENNA,
PROPAGATION & REMOTE SENSING
DEDICATED TO 150TH BIRTH ANNIVERSARY OF
SIR J C BOSE

ICMARS - 2009
19th - 21st December 2009



ICMARS - 2009

ORGANISED BY
INTERNATIONAL CENTRE FOR RADIO SCIENCE
(ICRS)
"OM NIWAS" A-23, Shastri Nagar
JODHPUR-342003



Sponsored by

Departments of Govt. of India and Rajasthan
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2*2 Sq. meters	25,000	2500
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To,

Prof. OPN Calla

Chairman Conference
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GLIMPSES OF ICRS

The Radio waves were first generated by Sir J.C. Bose in India more than 100 years ago. In last 100 years there has been phenomenal growth in the Technology, Science and Application of Radio waves all over the world.

International Centre for Radio Science (ICRS) is a registered society, was registered in June 1997 with objective of conducting research, training and teaching in Radio Science Telecommunication, Electronics, Computer and Information Science. ICRS has registered office at Jodhpur and has collaborative programmes with Research Institution as well as Universities. ICRS has worked for projects for Defence Research and Development Organization so far ICRS have completed Seven DRDO projects, these were: (1) Feasibility study report on use of Microwave Instruments for SNOW study (SASE, DRDO), (2) Propagation studies for Line of sight Link over sea (ITR, DRDO), (3) Study of High Resolution Radar (LRDE, DRDO), (4) Multipath Studies (RCI, DRDO), (5) Determination of Surface And Subsurface Water Content Using Microwave Techniques (DTRL, DRDO), (6) To Study and Establish Methodology for Measurement of Complex Dielectric Constant of Solid at Microwave Frequencies for Radome Application (RCI, DRDO), (7) Measurement of Dielectric Constant of Dielectric Materials At S-Band (2.2 – 2.3 GHz) (RCI, DRDO) (8) To Study and Establish the Methodology for Measurement of the Complex Dielectric Constant of Snow at Microwave Frequencies (SASE, Chandigarh). (9) Design of Antenna at 402.65 to 402.85 MHz for Automatic Weather Station (AWS) (SASE Chandigarh) and presently doing these projects - (1) Theoretical Design of L-Band Printed Antenna with Cladded Radome (CABS Bangalore) (2) Design and Development of Radiometer System Operating at 6.93 GHz (SASE, Chandigarh)

ICRS has organized seven National Conferences, in the year 1999, 2000, 2001, 2002, 2005, 2007 and 2008. Four International Conference in the year 2003, 2004, 2006 and 2008, this Conference will be fifth International Conference. The management council of ICRS consists of Scientist, academicians and intellectuals from DRDO, Universities, MIT, ICAR, Industries and Medical profession.

The International Advisory Committee of ICRS has membership of Scientists from Belgium, Brazil, Canada, Holland, Japan, New Zealand, Russia, U.S.A. and U. K. Countries. About twelve M.Tech. Thesis and about 23 undergraduate projects have been completed at International Centre for Radio Science. Two students are already registered for doing Ph.D Thesis. International Centre for Radio Science (ICRS) is now affiliated to Ganpat University, Mehsana, Gujarat.

ICRS is an unique institution of its kind which is having research and test facilities upto 40 GHz.

ABOUT CONFERENCE

ICRS has been organizing annual conference on the related topics. It has already organized Seven National conferences and four International conferences in December 2003, November 2004, December 2006 and February 2008. Now this is 5th International Conference on "Microwaves, Antenna, Propagation & Remote Sensing".

TOPICS TO BE COVERED IN CONFERENCE

- ❖ Radio Frequency Communication Systems and Signal Processing.
- ❖ Electronics, Photonics and devices.
- ❖ Electromagnetic Noise and Interference.
- ❖ Wave Propagation and Remote Sensing.
- ❖ Biomedical applications of microwave.
- ❖ Antenna Analysis, Synthesis and Measurement.
- ❖ Expert systems for antenna design and smart antenna.
- ❖ Microstrip antenna and wideband antenna.
- ❖ Microwave and millimeter wave devices and circuits.
- ❖ Microwave measurements including Dielectric & material measurement.
- ❖ Navigational aids & Radar.
- ❖ Satellite communication.
- ❖ Microwave Applications (Communication, industrial etc.).
- ❖ Electromagnetic MetaMaterials.
- ❖ Nano Technology in Radio Science.

Exhibition: During this conference, an exhibition will be organized. Educational Institutions and Scientific Organizations from the field of Radio Science and Companies and Industries related to this field & publishers are invited to display their projects and products. The request for participation should reach by 1st October 2009.

❖ Multiple stalls can be taken

Mode of payment: All payments have to be made through DD (Demand Draft) in favour of "Director, International Centre for Radio Science" payable at Jodhpur.

Registration Fee Structures

(The form is enclosed along with this brochure)

Registration*	
Fee for delegates from India in Rs.	
Conference	
Individual	5000
Central Govt.	5000
State Govt.	3500
Students	2000
Industries	6000
Registration*	
Fee for delegates from outside India in US \$	
Conference	
Individual	500
Students	200
Industries	600

Important Dates

Submission of Summary (500 words) 01 November 2009

Acceptance of Summary 07 November 2009

Submission of Full paper 15 November 2009

***Registration before 01.11.2009 will get 10% discount.**

The registration fee includes conference material, lunches, tea and two dinners and stay.

Boarding and Lodging: Efforts will be made to provide free accommodation to as many delegates as possible, the accommodation will be provided in University Guest House, DRDO Guest House and Hotels. This will be done for first come and first serve basis. It will be better for the participants to ask for accommodation along with the registration form so that the organizers could make proper arrangement.

Traveling Expenses: Organizing committee will try to provide traveling expenses to limited number of University Professors and students as applicable, on first come first serve basis and on the availability of grant for this purpose.

About Jodhpur: Jodhpur is the city, which used to be capital of Old Marwar State. It is situated in the south west of Rajasthan. Now it is second biggest city in the state. As per the Geographical location it has longest duration of bright sun shine and so it is known as "SUN CITY". It has historical buildings & monuments like Mehrangarh Fort, Umaid Bhawan Palace & other buildings of outstanding architecture in the city & nearby places like Mandore, Mount Abu, Ranakpur, Udaipur and Jaisalmer, which attracts large number of visitors. Jodhpur can be reached directly by train from Delhi, Mumbai, Bangalore, Ahemdabad, Kolkatta, Guwahati, Hyderabad, Chennai and Jaipur and by air, Jodhpur is connected to Delhi, Jaipur, Udaipur & Mumbai by direct daily flights. During December i.e. at the time of conference, the weather is cool, pleasant & excellent, so a place of great interest with excellent weather.

Prof. O.P.N. Calla
Chairman,
ICMARS - 2009

Mr. Rajesh Vyas
Organizing Secretary
ICMARS - 2009

REGISTRATION FORM

Conference

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(In Block Letters)

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(i) Participating

(ii) Contributing Paper

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Equipment

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**In favour of Director, International
Centre for Radio Science (Conf.),
Jodhpur is enclosed herewith.**

**11. Interested in post-symposium
excursion Yes / No**

Date: _____ **Signature:** _____