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XIXTH NATIONAL SYMPOSIUM

ON

ULTRASONICS

(Second and Final Announcement)



NSU-XIX

30 – 31 October 2012

Focal Theme

Ultrasonics in Engineering Applications

Organized by

Ultrasonics Society of India

jointly with

CSIR-National Physical Laboratory

Dr. K.S. Krishnan Road, New Delhi - 110 012



www.ultrasonicsindia.com

INTRODUCTION

The Ultrasonics Society of India (USI), founded in 1974 at NPL, has been actively promoting research and development in ultrasonics and related areas for more than three decades. It has organized several national and international conferences/ symposia in various parts of the country, including many of these at NPL. The Society has also been publishing a journal, titled 'Journal of Pure and Applied Ultrasonics (JPAU)', which is in the 34th year of its publication. A large number of scientists, manufacturers, academicians and students have benefited from the Society's activities.

The **XIXth National Symposium on Ultrasonics** (NSU-XIX) is going to be organised at the National Physical Laboratory, New Delhi during 30 – 31 Oct. 2012. The XVIIIth National Symposium was organized at VIT University, Vellore in December, 2009. The research and development in ultrasonics continues to make strides in industrial, non-destructive evaluation, medical, bio-medical, robotic sensing and many other areas. The symposium would provide the platform to research scientists, engineers, academicians, manufacturers, users of ultrasonic instruments, etc. to exchange updated knowledge and discuss new ideas and research problems with experts in different disciplines in ultrasonics and related areas.

ABOUT DELHI

Delhi, the capital city of India has quite pleasant weather end of October. The city has gained in its beauty and comfort in recent years. The NPL is centrally located and is easily accessible from all important points of entry.

SCOPE

The symposium would cover all aspects of ultrasonics and related areas so that the participants can get an exposure to multi-disciplinary nature of applications and help them expand their own field of research. The focal theme of the symposium would be 'Ultrasonics in Engineering Applications'. The presentation of plenary/ invited talks and oral/poster papers would include topics in the following areas:

- ❖ Ultrasonic transducers materials and nano-technology
- ❖ Power ultrasonic applications
- ❖ Medical/ Bio-medical ultrasonic engineering
- ❖ Non-destructive evaluation
- ❖ Underwater acoustics
- ❖ Non-linear ultrasonics
- ❖ Standardization and Calibration
- ❖ Physical Ultrasonics
- ❖ Other related areas and topics

SUBMISSION OF ABSTRACT & MANUSCRIPT OF CONTRIBUTORY PAPERS

Abstract of one page (Times new roman, single line space, 12 pt) should be sent electronically to the convenor NSU-XIX latest by August 15, 2012. The acceptance of the papers will be communicated by August 30, 2012. Full papers have to be submitted latest by September 30, 2012. The full-length manuscript should be submitted through e-mail attachment in format broadly as per guidelines of JPAU.

PUBLICATION AND MANUSCRIPT OF FULL LENGTH PAPERS

All papers accepted for presentation in the symposium will be published in proceedings/ Journal of Pure and Applied Ultrasonics (JPAU).

REGISTRATION FEE

Registration fees for the delegates are as follows:

Non-members (Indian)	:	₹ 2500/-
(Foreign)	:	\$ 75
Members (USI/ASI)	:	₹ 2000/-
(Foreign)	:	\$ 60
Students	:	₹ 1000/-

Registration fee covers participation in symposium sessions, symposium kit, copy of the souvenir, certificate, refreshments, working lunch and the symposium dinner.

ADVERTISEMENT IN SOUVENIR

A souvenir including technical program, abstracts of presentations, etc. would be published and distributed to delegates free of cost. Booking of advertisements are invited at following rates.

Back cover	:	₹ 25000/-
Inside front cover	:	₹ 20000/-
Inside back cover	:	₹ 15000/-
Half page	:	₹ 10000/-

EXHIBITION

An exhibition of ultrasonic instruments would be held near the venue of the symposium. Please book tables* as follows.

Table 6' x 3'	:	₹ 25000/-
Half Table	:	₹ 15000/-

*(with one display board)

IMPORTANT DATES

Submission of Abstract	:	August 15, 2012
Intimation of acceptance	:	August 30, 2012
Full paper submission	:	September 30, 2012

REGISTRATION FORM

XIXth National Symposium on Ultrasonics October 30-31, 2012

Name: Prof./Dr. /Mr./Ms.:

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Designation:

Address:

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E-mail:

Mobile/Telephone:

Fax:

Title of the Paper (If any):

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1. The duly filled & signed Registration form along with DD should be sent to convenor, NSU-XIX.
2. For additional copies, please photocopy this form.