

ENDE STANDING COMMITTEE MEMBERS

Baldev Raj, Honorary Chairman, ENDE-2011

I. Altpeter Germany
J. Bowler USA
N. Bowler USA
T. Chady Poland
Z. Chen China
D. Jiles USA
J. Knopp USA
F. Kojima Japan
D. Lesselier France
K. Miya Japan
G. Z. Ni China
J. Pavo Hungary
G. Pichenot France
B.P.C. Rao, India
G. Rubinacci Italy
S. J. Song Korea
T. Takagi Japan
A. Tamburrino Italy
L. Udpa USA
S. Udpa USA

LOCAL ORGANISING COMMITTEE

Baldev Raj - Patron and Honorary Member
T. Jayakumar - Chairman
Krishnan Balasubramanian, Co-Chairman
B.P.C. Rao – Convener (bpcrao@iqcar.gov.in)
B.K. Shah
Uday Godbole
M.T. Shyamsunder
Amitava Mitra
S. Thirunavukkarasu
Kavitha Arunachalam

WORKING LANGUAGE

English is the official language of the ENDE-2011 and will be used for all printed materials, presentations and discussions.

HISTORY OF ENDE WORKSHOP

ENDE workshop is an important event for all scientists with interests in non-destructive testing. The first workshop took place in 1995 in London UK, and has been followed by workshops held in various parts of the world as detailed below:

ENDE 2010 Szczecin, Poland
ENDE 2009 Dayton, United States
ENDE 2008 Seoul, Korea
ENDE 2007 Cardiff, United Kingdom
ENDE 2006 Iwate, Japan
ENDE 2004 East Lansing, United States
ENDE 2003 Paris, France
ENDE 2002 Saarbrücken, Germany
ENDE 2001 Kobe, Japan
ENDE 2000 Budapest, Hungary
ENDE 1999 Des Moines, United States
ENDE 1998 Chatou, France
ENDE 1997 Reggio Calabria, Italy
ENDE 1996 Tokyo, Japan
ENDE 1995 London, UK

OBJECTIVES

This will be the 16th in a series of international workshops. Its aim is to bring together engineers and scientists from universities, research institutions and industry who are active in research, development and industrial applications of Electromagnetic Nondestructive Evaluation.

TOPICS

As in previous ENDE workshops, the programme will comprise of invited lectures

by prominent, academic & industrial experts and contributed oral presentations on:

- Analytical & numerical modeling of ENDE
- New developments and innovative applications in ENDE
- Signal and image processing methods and inversion
- Material characterization (microstructures, stresses and defects)
- Advanced sensors and their novel applications including Biomedical

EXTENDED ABSTRACTS / PROCEEDINGS

Authors are invited to submit by e-mail (ndeevents@iqcar.gov.in) unpublished one or maximum two pages **Extended Abstracts by 30th November 2010** to be included in the workshop proceedings. Authors of the accepted papers will be encouraged to submit full length papers for peer review and inclusion in a special issue of 'Studies in Applied Electromagnetics and Mechanics', though a publication of IOS Press.

REGISTRATION

The registration fee per participant, including presentation of 1 paper, lunches, dinner, coffee breaks and proceedings is 400 US\$ before **30th January 2011** and 425 US\$ after this date. Extra fee for presentation of an additional paper is 50 US\$. Registration fee can be paid by wire transfer or in the form of draft drawn in favor of:

Account name: **NDE Events, Kalpakkam**
Bank: State Bank of India, Kalpakkam, INDIA (Branch Code: 2219)
Account Number: **10912013363**
Swift code: **SBININBB298** (State Bank of India, Meenambakkam Airport Branch, Chennai)

CORRESPONDENCE

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NDE Division, MMG
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ORGANISERS

The workshop is jointly organized by Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, India (<http://www.igcar.gov.in/>) and Indian Institute of Technology (IIT) Madras (<http://www.iitm.ac.in/>), Chennai. IGCAR is engaged in conducting broad based multidisciplinary scientific research directed towards development of advanced NDE techniques for detection and characterization of defects, microstructures and residual stresses in structural materials. IIT Madras, Chennai is one among the foremost institutes of national importance in higher technological education, basic and applied research. It has 15 academic departments and a few advanced research centres in various disciplines of engineering and pure sciences, with nearly 100 laboratories.

CONFERENCE VENUE

The workshop will be held in the IC&SR auditorium (<http://www.iitm.ac.in/icsr>), IIT Madras, Chennai. The campus is spread over 250 hectares of lush green forest, which is nearly midway (15 km) between the Chennai Airport and Central Railway station. [Chennai](#) is surrounded by several [historic](#)

[monuments](#) and beaches. Chennai is warm and comfortable during the workshop month without any chance of rain. Temperature during the day will be about 20°C (~ 70°F).

TRAVEL TO CHENNAI

[Chennai](#) is in South India and is well connected internationally by an excellent transport network. It is also connected to all major cities in India by air, rail and road. Indian currency is Rupees (Indian Rupee, INR, Rs.). One US dollar equals approximately INR, Rs. 45. All types of International credit / debit cards are accepted at nearly all places. All foreign visitors require [visa to visit India](#).

There are several [star and budget hotels](#) within [15 km radius](#) of the conference venue. These include Radisson Hotel Chennai, GRT Grand Days Hotel, Le Royal Méridien Hotel, Trident Hilton Hotel, Park Sheraton Hotel, The Park Hotel, Taj Connemara Hotel, Chola Sheraton Hotel, The Raintree Hotel etc. Hotel reservation may be done directly via hotel's web pages.

Pick-up and drop will be arranged from airport/hotel to the conference venue at a nominal rate of 50 US\$/person for conference period.



THE 16TH INTERNATIONAL WORKSHOP ON ELECTROMAGNETIC NONDESTRUCTIVE EVALUATION

ENDE' 2011



**10–12 MARCH 2011
CHENNAI, INDIA**

Organised jointly by:

**Indira Gandhi Centre for Atomic
Research ([IGCAR](#)), Kalpakkam**

and

**Indian Institute of Technology
Madras ([IIT Madras](#)), Chennai**