

27th International Workshop on Electromagnetic Nondestructive Evaluation (ENDE-2024)

4-6, March 2024

Mamallapuram, India

<https://www.ende2024.in>

ENDE@2024



**Indira Gandhi Centre for Atomic Research
(IGCAR), Kalpakkam, Tamil Nadu, India**

**Indian Society for Nondestructive Testing
(ISNT), Kalpakkam Chapter**



About the Conference

ENDE conference is an important event for all scientists, engineers, and non-destructive testing practitioners with interests in eddy currents, flux leakage, potential drop, magnetic, micro-magnetic and microwave non-destructive evaluation (NDE) techniques. The first in the series took place as a workshop in 1995 in London UK, and has been followed by conferences held in various parts of the world.

The 27th in the series of international ENDE conference is being organised in India. The objective of the conference is to bring together engineers and scientists from universities, research institutions and industries who are active in research, development and industrial applications of Electromagnetic NDE.

Important Dates

	Date
First Call for Papers	15 th October, 2023
Deadline for Short Papers Submission	31 st January, 2024
Notification of Acceptance	1 st February, 2024
Early Bird Registration	15 th January, 2024
Conference dates	4 - 6, March, 2024
Full Paper Submission	31 st March, 2024

Organizers

The conference is jointly organized by Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, India (<http://www.igcar.gov.in/>) and Indian Society for Nondestructive Testing (ISNT) (<https://www.isnt.in>), Kalpakkam Chapter.

IGCAR is engaged in conducting broad based multidisciplinary scientific research directed towards fast reactor technology development including advanced NDE techniques for detection and characterization of defects, microstructures and residual stresses in structural materials.

ISNT promotes the awareness of science and technology of non-destructive testing (NDT) through education, research and exchange of technical information within the country and abroad. The family of ISNT has more than 5000 members comprising of scientists, engineers, researchers, manufacturers and academicians. These specialists represent virtually every industry and discipline involved in the NDT technology.

Venue

The conference will be held in, Mamallapuram, Tamil Nadu, India. Mamallapuram (also called Mahabalipuram) is a UNESCO world heritage site and is famous for traditional art & culture. The town is known for various historic monuments, particularly, monolithic rock carvings, built largely between 700 and 900 AD. Mamallapuram is located about 60 km south of Chennai city along the east coast. This was also the place for the 44th International Chess Olympiad which was held in July-August, 2022 with over 2000 participants from 186 countries. Indira Gandhi Centre for Atomic Research, Kalpakkam is also situated 12 km away from this place.

The nearest international airport is in Chennai and is well connected with the rest of the world. It is also connected to all major cities in India by air, rail and road. Mamallapuram is well connected to Chennai by road and surrounded by good hotels for stay. The month of March here is pleasant with temperatures around 25°C. Indian currency is Rupees (Indian Rupees, ₹). All foreign visitors require VISA to visit India. Invitation letters will be provided on request to the participants. Check the embassy of India in your country for details.

Following are some of the good hotels nearby

- [Kaldan Samudhra Palace](#) - 5 Star
- [Welcom hotel By ITC Hotels](#) - 5 Star
- [Sheraton Grand Chennai Resort & Spa](#) - 5 Star
- [Radisson Blu Temple Bay](#) - 5 Star
- [Four Points by Sheraton](#) - 4 Star
- [Grande Bay Resort and Spa](#) - 4 Star
- [Charriot Beach Resort](#) - 4 Star
- [Hotel Mamalla Heritage](#) - 3 Star
- [Ideal Beach Resort](#) - 3 Star
- [Hotel Mahabs](#) - 3 Star

History of ENDE Workshops

ENDE	Location	Year
1 st ENDE	London, UK	1995
2 nd ENDE	Tokyo, Japan	1996
3 rd ENDE	Reggio Calabria, Italy	1997
4 th ENDE	Chatou, France	1998
5 th ENDE	Des Moines, USA	1999
6 th ENDE	Budapest, Hungary	2000
7 th ENDE	Kobe, Japan	2001
8 th ENDE	Saarbrücken, Germany	2002
9 th ENDE	Saclay, France	2003
10 th ENDE	East Lansing, USA	2004
11 th ENDE	Iwate, Japan	2006
12 th ENDE	Cardiff, United Kingdom	2007
13 th ENDE	Seoul, Korea	2008
14 th ENDE	Dayton, United States	2009
15 th ENDE	Szczecin, Poland	2010
16th ENDE	Chennai, India	2011
17 th ENDE	Rio de Janeiro, Brazil	2012
18 th ENDE	Bratislava, Slovakia	2013
19 th ENDE	Xi'an, China	2014
20 th ENDE	Sendai, Japan	2015
21 st ENDE	Lisbon, Portugal	2016
22 nd ENDE	Saclay, France	2017
23 rd ENDE	Detroit, USA	2018
24 th ENDE	Chengdu, China	2019
25 th ENDE	Budapest, Hungary	2020
26 th ENDE	Thessaloniki, Greece	2023

International Steering Committee

Name	Country	Name	Country
Antonello Tamburrino	Italy	Noritaka Yusa	Japan
Artur Lopes Ribeiro	Portugal	Sandor Bilicz	Hungary
Christophe Reboud	France	Satish Udpa	USA
Dominique Lesselier	France	Theodoros Theodoulidis	Greece
Guglielmo Rubinacci	Italy	S. Thirunavukkarasu	India
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Name			
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Local Organising Committee

Patrons	R. Divakar John Phillip
Conference Chair	Anish Kumar
Convener	S. Thirunavukkarasu
Treasurer	D.N. Sangeetha
Sub-Committees	
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Souvenir & Sessions Management	A. Viswanath (Convener) R. Dhayalan G.M.S.K. Chaitanya
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Catering	K.V. Rajkumar (Convener) S. Pongseerivasan Deepak Patel
Web site Team	S. Thirunavukkarasu

Registration Fees

CATEGORY	Early bird Registration Till January 15, 2024	After January 15, 2024
INDIAN		
Delegates	₹ 17,500	₹ 20,000
Students	₹ 10,000	₹ 12,500
Spouse	₹ 5,000	₹ 5,500
OVERSEAS		
Delegates	\$ 500	\$ 550
Students	\$ 300	\$ 350
Spouse	\$ 200	\$ 200
All prices inclusive of GST @ 18%		

Registration fee includes presentation of one paper, lunch/dinner/coffee and printed proceedings. For more information on registration please contact us at registration@ende2024.in. Individual registration is a must to present the paper at the Conference.

Remittance may be made in the form of Demand Draft in favour of: **“ISNT Kalpakkam Chapter” payable at SBI Kalpakkam.** Online payment may also be made to:

Account Name	ISNT KALPAKKAM CHAPTER
Account Number	00000037851623660
Account Type	Current Account
Bank	State Bank of India
Branch	Kalpakkam Branch
IFSC Code	SBIN002219 (India)
SWIFT Code	SBININBB298 (International)

Abstract Submission

Contributed papers from authors are invited on topics listed in the scope of the conference. Authors are requested to submit unpublished one or maximum two A4 pages of extended abstracts. Please visit website to download the Abstract Template. Authors of the accepted papers will be encouraged to submit full length papers for peer review and publication in a special issue of [International Journal of Applied Electromagnetics and Mechanics](#), IOS Press.

Scope of the conference

- Analytical and Numerical modelling in ENDE (Eddy current, Flux Leakage, Potential Drop, Magnetic, Micro Magnetic and Microwave NDE techniques)
- Inverse Problems and Imaging
- Industrial Applications in ENDE
- Data Fusion, Signal and Image processing methods
- Machine learning methods and surrogate modelling
- Material characterization (stresses, microstructure and defects in metallic and composite)
- Microwave NDE, Ground Penetrating Radar, and Terra Hertz Imaging
- Advanced ENDE sensors such as electromagnetic acoustic transducers (EMAT) and novel applications including Biomedical

Contact Us

Please visit <https://www.ende2024.in> for details. For queries related to accommodation, transportation or any other information regarding ENDE-2024, please contact us at info@ende2024.in or registration@ende2024.in

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Sponsorship Level	Fee	Benefits to Sponsor
Platinum Sponsor	₹ 5.00 Lakhs	<ul style="list-style-type: none"> ➤ Banner and display of Logo during the conference ➤ 3 standard size (3 m x 3 m) exhibition stall at venue ➤ Logo in website and souvenir ➤ One-page profile of the organisation in souvenir ➤ Full page colour advertisement in souvenir ➤ Free registration for 4 delegates
Gold Sponsor	₹ 3.00 Lakhs	<ul style="list-style-type: none"> ➤ Banner and display of Logo during the conference ➤ 2 standard size (3 m x 3 m) exhibition stall at venue ➤ Logo in website and souvenir ➤ One-page profile of the organisation in souvenir ➤ Full page colour advertisement in souvenir ➤ Free registration for 2 delegates
Silver Sponsor	₹ 2.00 Lakhs	<ul style="list-style-type: none"> ➤ Banner and display of Logo during the conference ➤ 2 standard size (3 m x 3 m) exhibition stall at venue ➤ Logo in website and souvenir ➤ One-page profile of the organisation in souvenir ➤ Full page colour advertisement in souvenir ➤ Free registration for 1 delegate

Exhibition Stall at Venue

Stall for 3 days with 1 Table, 2 Chairs, Spot light and one universal plug point, one page colour Advertisement in souvenir and free registration for one delegate	Stall size 3 m x 3 m	Fee ₹ 1.00 Lakh
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Advertisement Fee Detail

Advertisement Page	Cost
Back Outside Cover - Colour	₹ 75,000/-
Inside Cover - Colour	₹ 60,000/-
Full Page (Inside) - Colour	₹ 50,000/-
Half Page (Inside) - Colour	₹ 25,000/-

All prices exclusive of GST @ 18%

Advertisements in Souvenir (Required from the advertiser)

Paper size	: A4
Print Area	: 17 x 24 cm
Print material	: Preferably Soft copy / Art work / Typed Material / Positive

For more information on sponsorship opportunities, and stall booking for exhibition, please contact us at info@ende2024.in