

The 20th International Workshop on Electromagnetic Nondestructive Evaluation (ENDE2015)

September 21–23, 2015
Sendai, Japan

Origin, Legacy and Future directions of ENDE

CALL FOR PAPERS (Second Announcement)

General Information

This will be the 20th 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. As in the past workshops, the 20th workshop will focus on the studies for the development of nondestructive evaluation methods using electromagnetic methods. Major topics of interest for submission include, but are not limited to:

- ♦ New developments in eNDE
- ♦ Advanced eNDE sensors
- ♦ Analytical and numerical modelling of eNDE
- ♦ Inverse problems and signal processing
- ♦ Material characterization
- ♦ Monitoring and diagnoses of mechanical structure
- ♦ Biomedical applications of eNDE
- ♦ Innovative industrial applications of eNDE

Since this is the commemorable 20th workshop, several special sessions will be arranged with a theme of 'Origin, Legacy, and Future directions of ENDE'.

Important Dates

Submission of abstract:	May 29, 2015
Notification of acceptance:	June 30, 2015
Early bird registration:	July 31, 2015
Submission of full paper:	September 23, 2015

Registration Fees

General	50,000 JPY (Early bird: 45,000 JPY)
Student	35,000 JPY (Early bird: 30,000 JPY)
Accompanying Person	10,000 JPY

The registration fee can be paid either by credit card, bank transfer, or in cash at the registration desk (during the workshop). Please note that in order to pay the reduced "Early Bird" registration fee, the payment needs to be done before July 31, 2015 either by credit card or bank transfer.

Submission

Authors are invited to submit a two pages abstract of an unpublished study to the conference secretariat by May 29, 2015. The abstract will be reviewed and the notification of acceptance/rejection will be sent to the author by June 30, 2015. Authors of accepted abstracts are encouraged to submit full papers having a maximum eight pages by September 23, 2015. Full papers will be peer reviewed by at least two reviewers for inclusion in 'Electromagnetic Nondestructive Evaluation' series published by IOS Press as in the previous workshops. The template of the abstract and further information about the submission can be found at the conference website.

Venue

The workshop will be held in Katahira Sakura Hall, in Tohoku University Katahira Campus. The campus is situated in the downtown of Sendai, and easily accessible from Sendai station on foot (approximately 1 km). There are many hotels, restaurants, and shops near the venue. No taxi or car is needed.



About Sendai

Sendai is the largest city in the northeastern portion of the

Main Island of Japanese. It is the prefectural capital of Miyagi prefecture, and has a population of 1.07 million. Whereas Sendai is a very modern city, it is surrounded by and filled with beautiful greens as its nickname, City of Trees, implies. There are several famous places for sightseeing such as Matsushima (one of 'Three Views of Japan') and Hiraizumi (world heritage) near Sendai. Average temperature in September is 20.7 degree Celsius, which should make your stay comfortable.

Access

from Abroad

Sendai is situated approximately 350 km north-east of Tokyo. The easiest way to reach Sendai from abroad would be to take a flight to Narita or Haneda international airports, and then train to Sendai via Tokyo or Ueno. It takes less than 2 hours from Tokyo to Sendai by Tohoku Shinkansen (superexpress). Alternatively, international flights from Guam, Seoul, Shanghai, Beijing, Taipei, and Honolulu to Sendai International Airport (SDJ) are available. It takes less than 20 minutes from Sendai International Airport to Sendai main terminal station by Sendai Airport Line.

from ISEM2015 venue

Most participants should be interested in attending ISEM2015 held in Awajishima just before the workshop. Sendai is easily accessible from Awajishima, and attending the both conferences should provide a pleasant trip across Japan. The most efficient way to move from Awajishima to Sendai is to take a domestic flight from Kobe, Osaka (Itami), or Kansai airports. If you prefer going by land, taking Tokaido Shinkansen from Shin-Osaka to Tokyo, and then Tohoku Shinkansen from Tokyo to Sendai enables one to reach Sendai quite easily.



Tentative Program

Monday- September 21: registration, opening ceremony, keynote, oral presentations

Tuesday- September 22: invited lecture, oral and poster presentations, banquet

Wednesday- September 23: invited lecture, oral and poster presentations, closing ceremony

Thursday- September 24: post-conference tour

International Steering Committee

Chairman

Zhenmao Chen, Xi'an Jiaotong University

Member

Antonio C.O. Bruno, PUC-Rio

Klara Capova, University of Zilina

Tomasz Chady, West Pomeranian University of Technology

Tamma Jayakumar, IGCAR

Jeremy S. Knopp, AFRL/RXLP

Fumio Kojima, Kobe University

Jinyi Lee, Chosun University

Dominique Lesselier, DRE-LSS CNRS-SUPELEC-UPS

Kenzo Miya, Hosei University

B.P.C. Rao, IGCAR

Jaoa M.A. Rebello, Federal University of Rio de Janeiro

Christophe Reboud, CEA LIST

Guglielmo Rubinacci, Universita di Napoli

Sung-Jin Song, Sungkyunkwan University

Klaus Szielasko, Fraunhofer-IZFP

Toshiyuki Takagi, Tohoku University

Antonello Tamburrino, Universita degli Studi di Cassino

Gui Yun Tian, Newcastle University

Lalita Udpa, Michigan State University

Satish Udpa, Michigan State University

Noritaka Yusa, Tohoku University

Local Organizers

Chairman

Noritaka Yusa, Tohoku University

Co-Chair

Hiroaki Kikuchi, Iwate University

Tetsuya Uchimoto, Tohoku University

Committee Members

Weiyang Cheng, JAPEIC

Katsuhiro Fukuoka, The University of Shiga Prefecture

Noriyasu Kobayashi, Toshiba Corporation, Japan

Kiyoshi Koyama, Nihon University, Japan

Masaaki Kurokawa, Mitsubishi Heavy Industries, Ltd.

Mistuharu Shiwa, National Institute for Material Science

Shigeru Takaya, Japan Atomic Energy Agency

Hironori Tohmyoh, Tohoku University

Jing Wang, Tohoku University

Deqiang Zhou, Tohoku University/Jiangnan University

Further Information

Email: ende2015@karma.qse.tohoku.ac.jp

Website: <http://afre.qse.tohoku.ac.jp/ende2015/index.html>