



**XXII International Workshop on Electromagnetic Nondestructive Evaluation  
Saclay, France, September 6-8, 2017**

## Welcome to ENDE 2017

It is a great pleasure to announce the XXII International Workshop on Electromagnetic Nondestructive Evaluation or ENDE 2017, to be held in CEA SACLAY DIGITEO LABS in Saclay (France) on September 6-8, 2017.

ENDE 2017 is organized under the patronage of CEA LIST and Laboratoire des Signaux et Systèmes (L2S) with label and support of Digiteo-DigiCosme, University Paris-Saclay, COFREND and JSM.

## Aims

The ENDE International Workshop series emphasizes both basic science and early engineering developments in the framework of nondestructive testing and evaluation. Experts from theoreticians to research engineers in industry are encouraged to participate while contributions of PhD students and post-doctoral fellows is much sought after as well, in fast evolving and very demanding fields spanning from numerical computations to inversion techniques and experimental measurements procedures.

## Contacts & Website

Official Website: <http://www.ende2017.fr>

## Topics

- Non-destructive Testing and Evaluation (NdT-NdE)
- Static to THz electromagnetics and beyond
- Smart models and high-performance computations
- Advanced sensors, from design to usage
- Inverse problems, imaging and signal processing in context of uncertain and relatively scarce data
- Surrogate models, adaptive databases, model selection, and qualification of uncertainty
- Multi-sensor data fusion, towards automatic approaches, and decision making
- Complex material characterization from small to large scales
- Monitoring and diagnoses of mechanical structures
- Innovative industrial applications

## About Saclay

Saclay is located about 20 km southwest of Paris and about 10 km south of Versailles, near the Haute Vallée de Chevreuse Regional Natural Park, whose landscapes still bear witness to the presence of powerful lords and influential princes who signify their power by their great estates and emblematic abbeys in the Middle Ages. In the early 1950's, the then called "Centre d'études nucléaires de Saclay" opened at the initiative of Raoul Dautry and Frédéric Joliot-Curie. Since, many public research centers, universities, technological centers of private companies have populated the area. Nowadays, the so-called Plateau de Saclay sees the fast-evolving and largest aggregation of scientific and technological research and high education in France. .

# International Standing Committee

**Chairperson:** Zhenmao Chen, Xi'an Jiaotong University, China

## Members:

Klara Capova, University of Žilina, Slovak Republic

Tomasz Chady, West Pomeranian University of Technology, Poland

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Lalita Udpa, Michigan State University, USA

Satish Udpa, Michigan State University, USA

Noritaka Yusa, Tohoku University, Japan

# Submission & Publication

Prospective authors are invited to submit a 2-page short paper emphasizing key aspects of their contribution, new and significant results being expected to be described.

Selected full papers will then be published by IOS Press as Electromagnetic Nondestructive Evaluation - volume XXI, within the series Studies in Applied Electromagnetics and Mechanics.

# Organizing Committee

## Chairs:

Dominique Lesselier (L2S)

Christophe Reboud (CEA LIST)

## Local Committee:

Pierre Calmon (CEA LIST)

Coralie Chaumolot (CEA LIST)

Edouard Demaldent (CEA LIST)

Daniel Lobjois (CEA LIST)

Roberto Miorelli (CEA LIST)

Denis Prémel (CEA LIST)

Anastassios Skarlatos (CEA LIST)

# Important Deadlines

**Short Paper Submission:** April 14, 2017

**Notification of Acceptance:** May 2, 2017

**Early Bird Registration:** June 25, 2017

**Full Paper Submission:** September 15, 2017



Photos of natural landscape  
@JdeGivry

# Sponsors [in progress]

