



ECND
Academy
Le Mans Université

NON DESTRUCTIVE Testing and Evaluation

Materials & Structures

Reliability & Safety
of Processes



Le Mans
Université

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Le Mans University



Why ECND Academy at Le Mans University ?

Since its creation 40 years ago, and with a more strategic focus in the past few years, Le Mans University has made specific choices with regards to research and training, including in its programmes scientific excellence and innovative pedagogy. Thus, throughout the years, it has organised its training provision and its research activities in coherent and highly visible units in numerous fields. Within this framework, Le Mans University offers quality training on an international scale that relies on a strong relationship between Research, Training and Innovation while putting forward the synergies between disciplines that co-exist in a pluri-disciplinary university. This is the

case for our courses in Non Destructive Testing & Evaluation training that showcase the skills of the Acoustics Laboratory and the Institute of Materials and Molecules of Le Mans University, both partners of the CNRS (National Centre for Scientific Research). Taking into consideration our research expertise, the reputation of our exceptional NDT&E training courses and the numerous job opportunities in France and abroad, public and private sector stakeholders in the local area have identified Le Mans University as the obvious candidate for the development of this workshop-school: ECND-Academy.

Why is ECND-Academy unique ?

ECND-Academy is a pragmatic and high-quality academic response that is immediately operational to the rising demands for professional qualifications in the field of NDT&E in industry. Le Mans University is the only French university

to offer these type of courses, from A Levels/High School to Doctorate level for basic, continuing and professional education, combining face-to-face and distance-learning and implementing numerous educational innovations.

What is your ambition regarding ECND-Academy ?

ECND-Academy is born out of a consortium of public and private partners created in response to a predictable shortage of skills and methodology both in France and abroad in the field of NDT&E. It is an example of a successful collaboration between universities,

businesses, local authorities and the French government for the benefit of our territory. I wish for ECND-Academy to become a worldwide international reference centre engaged in an ongoing construction with its French and overseas academic and industrial partners.



A WORKSHOP-SCHOOL
An international
reference centre
for Non-Destructive Testing
and Evaluation Training

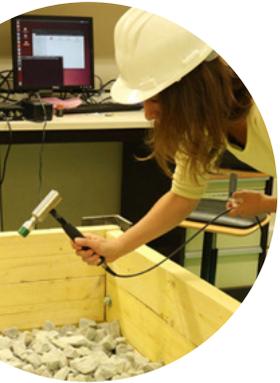
ECND Academy



ECND Academy : a workshop-school

Born out of a private/public partnership, we offer a brand new training provision in the field of NDT&E that is adapted to the expectations of the industrial sector and is an answer to the competitiveness stakes in businesses as well as the evolution of jobs and professionalisation of the target public.

Pedagogical and technological innovation are at the core of our teaching methods



Pedagogical innovation / A workshop-school

- Cutting-edge technologies
- Blended and Digital Learning
- Virtual and augmented reality

Technological innovation / Integrated in a Technocampus

- Institute of Molecules and Materials of Le Mans
- Acoustic Laboratory of the University of Le Mans
- Le Mans Acoustique
- Institute of Acoustics Graduate School

Collaborative dynamics / Led by a Consortium

- Training Organisations
- Companies
- Professional organisations
- Communities/Collectivities

Consortium



STAKES

- An increasing complexity of industrial products
- A growing exigence with regards to quality and risk management
- Security and environmental issues
- Economic mutations
- Emergence of new needs and skills

Our missions

- To train and develop the skills of the future for a successful sector, leading to employment

Innovative courses open to all, from A Levels/High School to Doctorate.

- To guide you towards increased performance and competitiveness

Always attentive to employees, companies and individuals guidance in their professional development or career change.

- To reinforce the attractivity of jobs in the field of NDT&E

ECND-Academy promotes the NDT field and careers and organises seminars and conferences. It is involved in technological evolutions and promotes partnerships.

KEY FIGURES

Industry
One of the **1st** global recruitment sectors

Growing activity
More than **25%** in **5 years**

Thousands of positions to fill

Inside ECND



Cross-sectors competitiveness at stake

Non Destructive Testing and Evaluation (NDT&E)

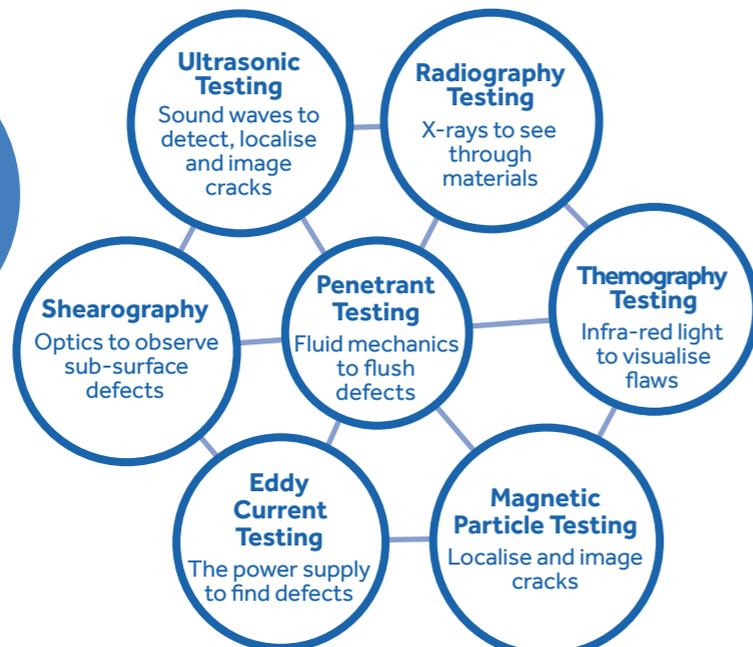
A range of methods allowing to inspect materials and structures and characterise their integrity at different stages of their life-cycle without degrading them.

The guarantee of security and sustainability of materials has become a major preoccupation.

The use of evaluation and non destructive testing methods is on the rise.

We invite you to join us in a bright successful future.

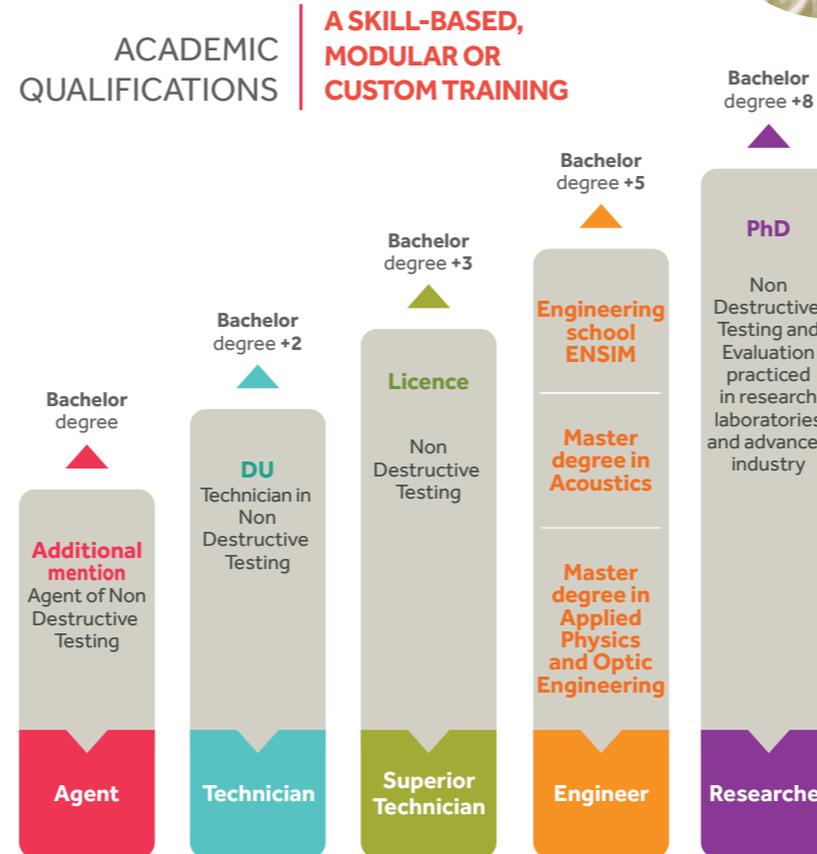
Cutting-edge testing methods



Start TRAINING now

- > All the ingredients for success are here
 - A wide-ranging training offer, custom-designed and accessible for all
 - A course leading to an academic qualification

> We build your training together



* COFREND recognition according to the targeted certification level (1,2 or 3).



We GUIDE YOU

[whatever your situation]

- > **A team of consultants**
Their mission is to assess and develop a strategy and a plan to help you achieve your goals.
- > **Financial engineering**
Block-release training, individual leave, personal training account.
- > **Technological watch**
The ongoing evolution in jobs, products, technology, required skills, will lead us to keep adapting our training offer and strategy support.
- > **Support for your employees**
In accordance with your strategy, we offer a skills assessment, a training program, an accreditation scheme for previous work experience (individual or collective).



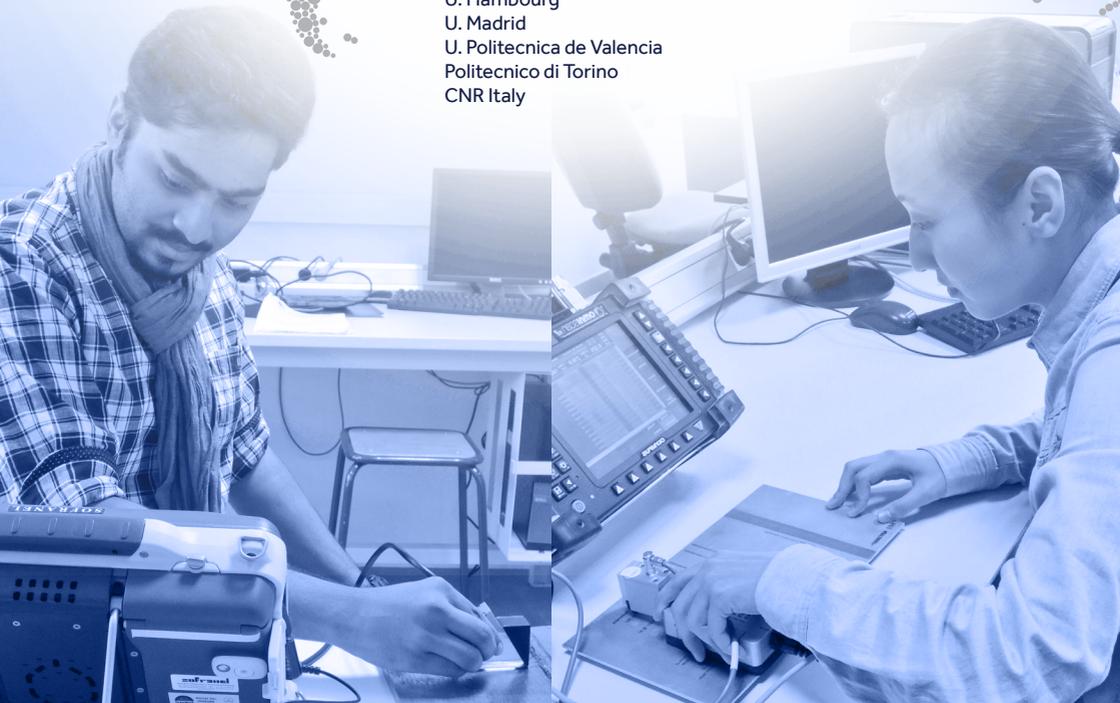
You don't need a course picked out in a catalogue, you look for someone who listens and who understands you and your strategy, someone who helps you cope with your immediate needs and who anticipates them.

A range of services for advice, expertise, consultancy, training, sharing and collaboration with other professionals... and all in the same place.

It is our ambition to give a personal response to your requirements

INTERNATIONAL

**Le Mans
Université**



Non Destructive Testing and Evaluation
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Research Professor HDR

Monia Anane
Operational Director
Training Course Engineer

Anaïs-Marie Renault
Training Course Designer
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ECND Academy

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