

# LES JOURNÉES COFREND

 **COFREND**  
Confédération Française pour les Essais Non Destructifs

**COFREND DAYS**  
**DU 6 AU 8 JUIN 2023**  
*JUNE 6<sup>TH</sup> TO 8<sup>TH</sup>, 2023*  
**MARSEILLE - PARC CHANOT**

**6<sup>th</sup> EDITION OF COFREND'S  
PHD STUDENTS**

**IN THIS DOCUMENT, YOU WILL FIND THE RULES AND THE PRACTICAL GUIDE  
FOR PHD STUDENTS TO HELP THEM PREPARE THEIR PERFORMANCE !**

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# 6th edition of PhD. Students & COFREND Claude BIRAC Award

To promote research and young talents, COFREND has launched the COFREND PhD. Students which are held every 18 months.

In 2023, the 6th edition of the COFREND's PhD. Students will take place in Marseille during the COFREND Days Congress from 6 to 8 June.

With more than 2500 participants expected over 3 days, the 6th edition of the PhD. Students is a real opportunity to promote interactions between young researchers and the industrial world in the field of Non Destructive Testing, and to highlight the research work carried out by young PhD students.

The PhD. Students COFREND 2023 will reward 3 young researchers with the COFREND - Claude BIRAC Award, based on 180 seconds pitch in plenary session and the poster session.

The COFREND Doctoriales Organizing Committee:

Odile Abraham - Université Gustave Eiffel

Pierre Calmon - CEA List

Bertrand Chassignole - EDF R&D

Nicolas Dominguez - Airbus

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## RULES AND PROCEDURES

### ✓ SUBJECT

During the COFREND Days, the COFREND - Claude Birac Prize is awarded for a thesis in the field of non-destructive testing. It will be awarded at the COFREND 2023 Days in Marseille during the gala dinner on 7 June.

### ✓ DESCRIPTION

Three laureates will be rewarded. The 1st laureate will receive a cheque of 1500 €, and 1000 € for the second and third laureate. The Prize is given to the candidates as a personal reward for their efforts and to encourage them to continue their research work.

### ✓ APPLICATIONS & ELIGIBILITY REQUIREMENTS FOR PARTICIPATING YOUNG RESEARCHERS

The «COFREND - Claude Birac Prize» will recognize theses presented since September 2022, or in progress at the time of the COFREND 2023 Days.

To take part in the 6th edition of the COFREND PhD. Students, the candidates:

- have been validated by the Organising Committee of the competition following the papers submitted.
- be registered to the event and be present during the 3 days of the Congress, including the Gala dinner.

### ✓ JURY

The jury, composed of members of the Scientific Committee and the Organising Committee of the COFREND PhD. Students, will be presided by Anne Marie Birac.

The jury will deliberate and make its decision known during the gala evening, during which the Prize will be awarded to the 3 Winners.

### ✓ EVALUATION METHOD

The evaluation of the thesis work will take place:

- In the plenary session on 6 June, PhD students will have 180 seconds and 1 slide to present their thesis topic and will be marked by the audience.
- During the Posters session, the candidates will be evaluated by the members of the Jury on Wednesday 7 June.

The selection of the winners will be established by the Jury on the basis of these two evaluations.

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# CANDIDATE'S GUIDE

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## My thesis in 180 seconds & 1 slide

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Tuesday 6 June - 4.30pm to 6.30pm

The plenary session « My thesis in 180 seconds » is an event that takes place on stage and in front of an audience. The event takes place in a convivial and relaxed atmosphere, but the presentations meet the highest standards of quality, both in terms of scientific aspect and in terms of popularisation and communication.

This session invites candidates to meet the following three objectives:

- Demonstrate strong cross-cutting skills in outreach and communication,
- Present their research topic in simple terms to a diverse audience,
- Present the research project in a clear, concise and convincing manner in 3 minutes.

Technical rules and requirements :

### 1. Timing :

Participants have 180 seconds to present their doctoral research project,

A timer will count down from 180 seconds to 0. The timer will be located in front of the candidate and will be visible if the candidate wishes. If the participant has not completed his/her presentation at the end of 180 seconds, HE/SHE CANNOT CONTINUE HIS PRESENTATION.

### 2. Disruption management :

Under no circumstances can the timer be reset to zero, except in the event of a major technical incident,

If a major technical incident occurs (e.g. a microphone does not work, a slide is not displayed, the timer does not start, the starting signal is not sounded), the moderator will interrupt the competition and the participant will be allowed to restart his/her performance, once the incident has been resolved; the participant is not allowed to interrupt his/her presentation.

### 3. Oral presentation :

- The oral presentation may be in either English or French,
- The candidate has the right to interact with the audience, by asking questions, if he/she wishes,
- 1 lectern equipped 1 PC containing your visual aid, as well as microphones (collar, HF, headset), screen and video projector, etc. will be provided.

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#### 4. Visual support :

- Candidates can include a visual to their presentation. This is not mandatory, but strongly recommended. They are allowed only one slide to illustrate their presentation, not animated. This will be projected on a large screen at the back of the stage,
- No audio or video support will be allowed,
- The visual must respect the format, size and definition requested by the organiser,
- Candidates must respect the deadline for sending the slide (see below).

#### 5. Screening :

The slide format should be delivered in 16:9 powerpoint or PDF format.

Your presentation should be sent to us by 31 May at the latest.

#### 6. Evaluation criteria :

The audience will evaluate the presentations given by the PhD students according to three main criteria:

##### **PUBLIC SPEAKING SKILLS AND INVOLVEMENT**

*For exemple:*

- *Did the participant demonstrate speaking skills (rhetoric and eloquence): clear and confident voice, rhythm, fluidity of gestures, stage presence, etc. ?*
- *Did the participant communicate his passion for his subject of study ?*
- *Did the participant generate curiosity in the audience about his topic ?*

##### **VULGARISATION**

*For exemple:*

- *Did the participant explain concepts or ideas in accessible terms ?*
- *Did the participant use figures of speech, relevant examples or humour to illustrate the point ?*

##### **LA STRUCTURATION DE L'EXPOSÉ**

*For exemple:*

- *Did the structure of the presentation and the flow of ideas facilitate understanding of the topic ?*
- *Did the participant clearly explain the research he is doing ?*
- *Balance between the different parts (introduction, development, conclusion) of the presentation.*

The PhD students are asked to send 1 identity photo to the organiser  
**before 30 March 2023.**

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## CANDIDATE'S GUIDE

### Posters Session for PhD Students

Wednesday 7 June - 9.50am to 10.50am

In the Exhibition Hall, where the posters will be exhibited from the day before, each PhD student will present his thesis work to the Members of the COFREND-Claude Birac Prize Jury.

The Jury, composed of members of the Scientific Committee and presided over by Mrs Anne Marie Birac, will select the laureates on the criteria of scientific excellence, originality of the work, and didactic and visual quality.



### POSTER

Each PhD student is responsible for the creation of the poster, as well as for its exhibition from 6 June on the dedicated panels in the Exhibition Hall.

The posters will be exhibited in the order that will be given by the organiser to each PhD student.

The PhD students will have to be present, next to their poster, during the whole session, on 7 June from 9:50 to 10:50.

Poster format: The poster must be in A0 format (84 cm large x 120 cm high) and will be fixed by the candidate on a support panel made available during the 3 days of the Congress



### JURY MEMBERS

The president, Mrs Anne-Marie BIRAC

Odile ABRAHAM - Université Gustave Eiffel

Julien BANCHET - Aubert & Duval

Mourad BENTAHAR - Université du Mans

Pierre CALMON - CEA List

Bertrand CHASSIGNOLE - EDF

Nicolas DOMINGUEZ - Airbus Groupe

Frédéric JENSON - Safran Tech

Valérie KAFTANDJIAN - INSA Lyon

Nazih MECHBAL - ENSAM-PIMM

Joseph MOYSAN - Université Aix Marseille

Nicolas NOURRIT - Institut de Soudure

Fan ZHANG - CETIM

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## TO REGISTER

1

You need to go to the website [www.cofrend2023.com](http://www.cofrend2023.com) and click on the red button on the top right corner of the website «Registration».

## REGISTRATION

2

Choose the « PhD Student Pass ». This includes during 3 days :

Access to the Exhibition and to the entire scientific and technical programme

Breaks and lunches

Gala evening on June 7 with the COFREND-Claude Birac Prize for the winners of the 6th edition of the COFREND Phd Students.

3

You are now on the ticketing platform. Create your account by choosing the profile « PhD student », then enter your information and proceed to your registration.



With the strong development of its hotel capacity, Marseille has a varied and high quality hotel stock of over 9000 rooms.

[Click here to access the list and make a reservation: Access to the list of hotels](#)

Contact : + 33 (0) 5 59 41 74 42 / Email: [cbardin@terresetcie.com](mailto:cbardin@terresetcie.com)

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