

INFORMATION



2022 - Non-Destructive Evaluation of Composite Structures
Tetouan, Morocco

IMPORTANT DATES:

Abstract submission deadline: 22 Jan. 2022
Notification of Abstract acceptance: 12 Feb. 2022
Full paper submission deadline: 27 Mar. 2022
Notification of full paper acceptance: 9 Apr. 2022
Registration opens: 22 Jan. 2022
Registration closes: 23 Apr. 2022
Conference date: 23 Apr. 2022

CONFERENCE ORGANIZATION:

Abdellatif Khamlichi (Chair)

With the support of:



Centre National pour la Recherche
Scientifique et Technique



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المدرسة الوطنية للعلوم التطبيقية بتطوان
ⵜⴰⴳⴷⴰⵏⵜ ⵜⴰⵏⴳⴷⴰⵢⵜ ⵜⴰⵏⴳⴷⴰⵢⵜ ⵜⴰⵏⴳⴷⴰⵢⵜ
ÉCOLE NATIONALE DES SCIENCES APPLIQUÉES
DE TETOUAN



SCD
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SCIENTIFIC SECRETARIAT:

NDECS2022@gmail.com

SUBMISSIONS

Abstracts can be submitted by creating a user account by using the Conference System EasyChair link:

<https://easychair.org/account/signup.cgi>

Enter the requested information; you will then fix your login credentials to access your personal account on the website. Please save these login details in your files: these will be used for editing your abstract before the deadline, modifying the abstract or submitting another abstract.

The maximum length of Abstract is 700 words typed on one A4 page including: Title, Affiliation, Emails, manuscript text and up to three references.

MAIN TOPICS:

Composites
Polymers and elastomers
Friction products
Reinforced concrete
Geomaterials
Wood
Shape memory alloys
Crack initiation and propagation
Debonding
Delamination
Fatigue
Durability
Damage evaluation
Non-destructive Evaluation
Non-destructive Testing
Ultrasonics
Tomography
Inverse problem
Wave propagation
Experimental methods
Numerical simulation approaches
Innovative approaches
Industrial processes
Industrial case studies

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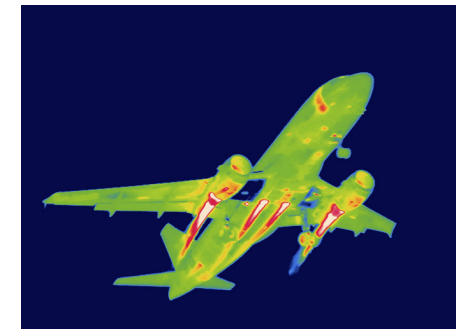
CALL FOR PAPERS



2022 - Non-Destructive Evaluation of Composite Structures
Tetouan, Morocco

NDECS'2022

2nd International Conference on Non Destructive Evaluation of Composite Structures



National school of Applied Sciences
Tetouan, Morocco,
23 April 2022

INTRODUCTION

Composite materials constitute nowadays a major component in the construction of aircraft, spacecraft and civil engineering works. Composites are made from at least two distinct materials which maintain their own structures and properties, while conferring to the assembly high strength and rigidity. Composite structures can however undergo, during their service life, various disorders ranging from localized damage to debonding, which may reduce their performance and cause catastrophic failure. Various methods based on non-destructive testing (NDT) are currently in use for inspection and evaluation of composites structures. However, damage detection in composite structures is made difficult because of the sensitivity of revealing signal to the actual microstructure configuration and noise. More from NDT processes is then expected to assess adequate methods that can be used to provide the best results of defect detection.

Following NDECS'2017 which has been held in Tetouan, Morocco, <http://ndecs2017.com/>, with proceeding published in <https://www.matec-conferences.org/articles/mateconf/abs/2018/50/contents/contents.html>, this 2nd edition of Non-Destructive Evaluation of Composite Structures (NDECS'2022) aims at bringing together researchers and professionals from the field of NDT, in order to highlight recent developments and to review up to date processes for damage detection in composite structures. The event will enable the participants to discuss new findings and to make a clear understanding about making the right choice regarding damage inspection of composite structures.

Abdellatif Khamlichi
Chairman of the Conference

AIMS AND SCOPE

The NDECS'2022 conference intends to be an opportunity to support a discussion forum for both fundamental aspects and practical applications in the field of non-destructive testing of composites materials, covering all aspects of interest (technology, methodologies, standards, quality control, servicing, research and development...).

Authors and contributors can submit abstracts to the conference secretariat in one of the following six main themes:

- Composite materials
- Composite structures
- Damage detection
- Non-destructive evaluation
- Theoretical and numerical approaches
- Innovative approaches
- Industrial case studies

REGISTRATION

The registration can be made by sending a message to the conference secretariat. Registration fees include: conference proceedings (final program, abstract book), welcome reception and oral presentation. Please note that one delegate cannot present more than 1 paper.

Registration fees:

Senior Speaker: 1000 DH or 100 €
Student Speaker: 500 DH or 50 €
Free attendant: 300 DH or 30 €
Accompanying person: 300 DH or 30 €

Extra fees for publication of full paper in Matec Web of Conferences:

1500 DH or 150 €

VENUE

The airports of Tetouan Saniat Rmel and Tangier Ibn Battouta have daily national and international connections. It takes about an hour to get to Tetouan from the airport terminal of Tangier and ten minutes from Tetouan airport. The main connections include Alicante, Barcelona, Berlin, Brussels, Casablanca, Cologne, Frankfurt, Lisbon, Madrid, Malaga, Marseille, Nowy Dwór, Paris and Rotterdam.

Tetouan is at 3h from Rabat and 4 hours from Mohammed V airport at Casablanca by taking the A5 motorway between Rabat and Tangier Med, and then the connecting road to Tetouan and Ceuta // 308 km from Rabat //.

Tetouan is also at 2h from Casablanca, by taking the UHV train Al boraq, please consult:

<http://www.oncf.ma/Pages/Horaires.aspx>

CONGRESS SECRETARIAT

NDECS'2022

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Email: NDECS2022@gmail.com

GUIDELINES FOR COVID-19

The world is facing a pandemic of COVID-19, a virus that spreads fast, especially in crowded places. Therefore, it is necessary that we practice, during the conference, preventive measures, and fully comply with up-to-date Moroccan Health Ministry instructions.

ETHICAL CONSIDERATIONS

Authorship: Authors must give credit through references or notes to the original author of any idea or concept presented in the paper or proposal. This includes direct quotations and paraphrases.

Publication or presentation history: If material in your presentation has been published, presented, or accepted for publication or presentation, this must be disclosed in your paper or proposal and may make your submission ineligible, depending on the Division/Interest Group.

Conference attendance: If your panel, paper, or interactive display presentation is accepted for an ICA conference, you have a commitment to register for and attend the conference and perform your assigned role. All chairs and respondents also make this commitment. If extenuating circumstances prevent you from attending, you should find a substitute to perform your duties and notify the program chair and Division or Interest Group contact person.

Self-Plagiarism (or duplicate publications): Self-plagiarism involves an author presenting earlier published material as original and new. Self-plagiarism is often not an issue, but it must be transparent and limited. A critical issue involved in self-plagiarism is the degree to which it is clear whether the author is drawing from earlier manuscripts/research. Covert self-plagiarism occurs when the author is not transparent when drawing from earlier manuscripts or research; this can constitute a serious ethical transgression.

Types of covert self-plagiarism include:

Covert Duplicate Publication / Presentation – Submitting a paper to a journal or conference which had been previously published in a journal or conference proceedings.

Covert Redundant Publication – Occurs when some portion of previously published data is used again in a new publication with no indication that the data had been published earlier.

Covert text recycling – Reusing portions of previously published text in a new publication without a reference to the origin of the earlier published text.

Covert fragmented publication (salami strategy) – Occurs when a complex study is broken down into two or more components and each component is analyzed and published as a separate paper.