

GENERAL INFORMATION

Venue

PARIS - SACLAY

Centrale Supélec,
8-10, rue Joliot Curie
91190 Gif sur Yvette

Conference Secretariat

COFREND, French NDT Society
Florence GIRAUD
P: +33 (0) 1 44 19 05 30
E-mail: pole.communication@cofrend.com

Conference Material

At the conference, participants will get a booklet of all abstracts of the programme contributions.
Proceedings will be provided online at the Symposium

Hotel Reservation

We have special conditions for hotels until Sept 30th, 2019.
Information and reservation contacts are available on www.ndt-aerospace2019.com

Website

The www.ndt-aerospace2019.com website has been prepared for the conference. It is updated regularly.

Important Deadlines

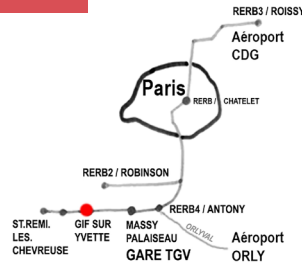
Deadline for abstract submission	May 31 st , 2019
Final programme	July 20 th , 2019
Early registration deadline	Sept 1 st , 2019
Payment of presenting authors	Oct 1 st , 2019
Deadline for full papers	Oct 15 th , 2019

Fees (VAT incl.)

Registration until August 15 th , 2019	680.00 €
Registration after August 15 th , 2019	750.00 €
Presenting authors	600.00 €
Students (max. 30 years)	250.00 €

including all conference activities, abstracts book, conference dinner, coffee breaks, lunch and technical visits.

Technical visits will take place on Friday, Nov 15th, 2019, the program is under preparation, ending approx. 16:00.



COMMITTEES

Organising Committee

Pierre Calmon
Christian Boller

David Barnoncel
Bastien Chapuis
Nicolas Dominguez

Florence Giraud
Frédéric Jenson
Jean Marie Morvan
Christophe Parsis
Michael Stamm

Scientific Committee

Christian Boller
Matthias Buderath
Pierre Calmon
Fu-Kuo Chang
Younho Cho
Esmeralda Cuevas
Nicolas Dominguez
Zheng Fan

Gary Georgeson
Christian Große
Srinivasan Gopalakrishnan
Alfredo Güemes
Henning Heuer
Frédéric Jenson
Johann Kastner
Wieslaw Ostachowicz
William Prosser
Matthias Purschke
Xinlin (Peter) Qing
Lei Qiu

Robert Smith
Zhongqing Su

GuiYun Tian
Shenfang Yuan

Zhenggan Zhou

CEA List, France, (Chairman)
Saarland University, Saarbrücken,
Germany, (Co-chair)
Ariane Group, France
CEA List, France
Airbus, France
COFREND, France
Safran Tech, France
Dassault Aviation, France
Afenda FrANDTB
Brussels Airlines/KU Leuven,
Belgium (Student Challenge)

Saarland University, Germany
Airbus, Germany
CEA List, France
Stanford University, USA
Pusan National University, South Korea
Tecnatom, Spain
Airbus, France
Nanyang Technological University,
Singapore
Boeing, USA
TU München, Germany
Indian Institute of Science, India
Polytechnic University of Madrid, Spain
Fraunhofer IKTS, Germany
Safran Tech, France
FH Oberösterreich, Austria
Polish Academy of Sciences, Poland
NASA, USA
DGZfP, Germany
Xiamen University, China
Nanjing University of Aeronautics
and Astronautics, China
University of Bristol, UK
Hong Kong Polytechnic University,
Hong Kong
Newcastle University, UK
Nanjing University of Aeronautics
and Astronautics, China
Beihang University, China



CALL FOR PAPERS



Sponsors:



With the Support of:



www.ndt-aerospace2019.com



PREFACE

Non-Destructive Testing and Evaluation (NDT&E) is one of the major requirements in aerospace structural design. Appropriate use of NDT guarantees safety in aerospace and is thus a subject of highest attention.

To communicate latest R&D achievements to industrial applicants on the one hand and to discuss advanced and improved methods both with scientists as well as industrial researchers and applicants on the other, the Symposium on NDT in Aerospace has been established in 2008 and organized on an annual basis since 2010.

The symposium always takes place at a location where aerospace has a home.

The 11th edition of the conference series will take place in Paris Saclay – in the premises of Centrale Supelec from November 13th to 15th.

Scope

- NDT methods like ultrasound, eddy current, guided waves, x-ray, thermal imaging, laser based and optical surface inspection etc.
- Component inspection and Structural Health Monitoring (SHM)
- Defect sizing and imaging
- Material characterisation including additive manufacturing
- Numerical simulation and data analytics for NDT and SHM
- NDT and SHM system design
- Production integrated NDT&E
- Mobile NDT&E for maintenance, repair and overhaul including robotics
- Damage tolerance, probability of detection and reliability assessment
- Aging Aircraft
- Prognostics and Health Management
- Student challenge in damage monitoring analysis.

Presentations addressing the topics mentioned above and considering any NDT-SHM methods proposed will be most welcome.

Opportunities for exhibition of technology and posters will be provided, as well as technical visits to relevant aerospace organisations.

More Information: www.ndt-aerospace2019.com

128 years after Clément Ader's first flight, France has become the world second largest aeronautics and space market, with a turnover of around \$ 70 billion and some 190,000 employees, thanks to the performances of its industrialists like Airbus, Safran, Dassault Aviation, Ariane Group, Thales ...and others.

France is, together with the United States of America, the only country exporting fixed and rotary wing aircraft for commercial, private and military applications and is the main contributor of the European space industry.

Besides automotive, aeronautics and space is the second largest French manufacturing industry in terms of R & D expenses. Paris and its region Ile-de-France, are internationally recognized as a central hub in the design and supply of aeronautical equipment, including aircraft engines

Every 4 seconds, a plane takes off in the world with an engine assembled in Île-de-France.

It is also one of the main French centres for space design and production, including the site of Les Mureaux where major parts of the European space rocket Ariane 6 are assembled.

Last but not least, the regional aeronautical industry has a strong defense component, with involvements in the design and manufacture of aircrafts, drones, missiles and embedded electronics. The quality of the education and training is also a major element. The creation of a world class Campus for trades and qualifications around the aeronautical sectors, supported by the French government and other key actors in this sector was recently born in the southern region of Paris, as well as a training platform supported by Safran and subcontractors in the sector.

Paris-Saclay, location of the NDT in Aerospace 2019 Symposium, brings together around a world-class academic hub, higher education institutions, research organizations and technology small and medium companies. This scientific concentration makes the Paris-Saclay cluster, one of the most important innovation centres in the world.

CALL FOR PAPERS

Submission Guidelines

| **Deadline: May 31st, 2019**

You are invited to submit abstracts in accordance with the following guidelines:

- Authors are allowed to register more than one paper.
- English being the conference language, the contributions have to be submitted and presented in English.
- Translation into other languages will not be provided.
- All abstracts have to be submitted online at www.ndt-aerospace2019.com by May 31st, 2019.
- Authors will be informed about the acceptance of their contributions in June 2019.
- Authors whose paper was accepted have to register via the online form and pay the registration fee before Sept 1st, 2019. The registration is binding and nonrefundable.
- Contributions of authors, who have not paid the registration fee by Sept 1st, 2019 will be cancelled.
- The full paper, formatted according to the template, must be received by COFREND as an electronic file by October 15th, 2019.
- The proceedings will be available online at the conference.

Please use the electronic submission form on the website: www.ndt-aerospace2019.com

EXHIBITION | **Deadline: September 15th, 2019**

A vendor exhibition will be conducted to complement the technical presentations. A limited number of exhibit booths is available.

The rental fee is 1 500 Euro plus Value Added Tax (VAT). It includes 1 table 2 chairs and one conference badge with full conference participation

SPONSORSHIP

The 11th International Symposium on NDT in Aerospace provides an ideal opportunity to draw attention to your business by sponsoring.

If you are interested in becoming a sponsor, and/or exhibitor please contact the conference secretariat by e-mail: pole.communication@cofrend.com or phone: +33 1 44 19 05 30.