

## Organizing Committee

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Shaozheng Zhan	Aircraft Strength Research Institute of China
Xiancheng Zhang	East China University of Science and Technology
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## Important Dates

Deadline for Abstract Submission: 30 July 2017  
Deadline for Full Papers: 25 September 2017  
Early Registration: 30 September 2017  
Final Program: In the middle of October 2017

## Submission Guidelines

Experts and scientists are invited to submit abstracts in accordance to the following guidelines:

- Registrations of papers will only be considered if they are submitted completely, i.e. together with all requested data and the abstract.
- Authors are allowed to register more than one abstract.
- English being the conference language, the contributions have to be submitted and presented in English.
- All abstracts and papers must be submitted to [ndt\\_in\\_aero2017@126.com](mailto:ndt_in_aero2017@126.com).
- Authors will be informed about the acceptance of their abstracts by 20 August 2017.
- Authors of accepted abstracts have to register via the online-form and pay the registration fee before 30 September 2017. The registration is binding and non-refundable.
- The full paper, formatted according to the template, must be received as an electronic file by 25 September 2017.

## Fees

Registration before 30 September 2017, 2000 RMB (300 USD)  
Registration after 30 September 2017, 2700 RMB (400 USD)  
Presenting authors, 2000 RMB (300 USD)  
Students are given 50% discount on the registration fee. The fee includes costs of all conference activities, proceedings, coffee breaks, lunches, reception and banquet. Participants will get a booklet of abstracts and an USB key containing the proceedings.  
The symposium will be connected with a visit to Taikoo (Xiamen) Aircraft Engineering Co., Ltd. (HAECO) or Xiamen Airlines in Xiamen.

## Sponsors

National Science Foundation of China (NSFC)  
Commercial Aircraft Corporation of China (COMAC), Ltd., China  
Administration of Xiamen Area of China Pilot Free Trade Zone, China  
Taikoo (Xiamen) Aircraft Engineering Co., Ltd. (HAECO), China  
Xiamen Airlines, China  
State Key Lab of Mechanics and Control of Mechanical Structures, China  
NDT.net

## Exhibitions

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

## Contact

Organizing Committee. Email: [ndt\\_in\\_aero2017@126.com](mailto:ndt_in_aero2017@126.com)

## Website

The <http://aero.nuaa.edu.cn/NDT2017/Home.html> website has been prepared for the conference. It is updated regularly.

## Conference Venue

Xiamen University, 422 S Siming Rd, Xiamen, Fujian 361005, China  
<http://www.xmu.edu.cn/en/>

## Conference Organizers

Xiamen University  
Nanjing University of Aeronautics and Astronautics  
German Society for Non-Destructive Testing (DGZfP)

## Co-organizers

The Chinese Society of NDT  
Aircraft Strength Research Institute of China



## FIRST ANNOUNCEMENT & CALL FOR PAPERS



# The 9<sup>th</sup> International Symposium on NDT in Aerospace



8 – 10 November, 2017  
Xiamen, China



## Introduction

Non-Destructive Testing and Evaluation (NDT&E) is one of the major requirements in aerospace structural design and plays an important role in operation and maintenance of aerospace structures. Almost all the components have to pass through various NDT quality assurance procedures. For damage tolerance design used in aviation, NDT is a prerequisite. Appropriate use of NDT guarantees safety in aerospace and is thus a subject of highest attention. Although aerospace industries have to clearly stick to certified NDT procedures, there is a large amount of technology being currently developed within the engineering science discipline, which is worth a discussion with respect to their potential application. Meanwhile, Structural Health Monitoring (SHM) has become a key technology to aerospace structures, dealing with the development and implementation of techniques and systems where monitoring, inspection and damage detection become an integral part of structures. It further merges with a variety of techniques related to diagnostics and prognostics. To communicate latest R&D achievements to industrial applicants on the one hand and to discuss advanced and improved methods among scientists and industrial researchers on the other, the Symposium on NDT in Aerospace has been established in 2008 and has been organized on an annual basis since 2010. It has been run in places all around the globe where aerospace has a home including Hamburg/Germany, Montreal/Canada (2011), Augsburg/Germany (2012), Singapore (2013), Madrid/Spain (2014), Bremen/Germany (2015) and Bangalore/India (2016) so far. The 9<sup>th</sup> Symposium on NDT in Aerospace will be held in November 2017 in Xiamen/China.

## Topics

Major topics on NDT & SHM for the conference include, but are not limited to:

- Sensors and Actuators
- System Design and Integration
- Signal Processing and Methods
- Prognostics and Health Management
- Integrity and Safety Assurance
- Modeling and Simulations
- Mobile/Autonomous NDT and Monitoring
- Implementation, Validation and Certification
- Damage Tolerance and Aircraft Aging

## Conference Chairs

Shenfang Yuan	Nanjing University of Aeronautics and Astronautics, China
Xinlin P. Qing	Xiamen University, China

## Conference Honorary Chairs

Zeyong Yin	Xiamen University, China
Chunsheng Zhao	Nanjing University of Aeronautics and Astronautics, China
Jinping Ou	Harbin Institute of Technology, China
Fu-Kuo Chang	Stanford University, USA
Christian Boller	Saarland University, Germany

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