



The 12th International Symposium on  
**NDT in Aerospace 2020**

**October 6-8, 2020 - Williamsburg, Virginia, USA**

**Hosted at the Williamsburg Lodge**

**[www.NDT2020.utcd Dayton.com](http://www.NDT2020.utcd Dayton.com)**

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 organised on an annual basis since 2010. The symposium always takes place at a location where aerospace has a home.

**The 12<sup>th</sup> edition of the conference series will take place in Williamsburg, Virginia, USA at Colonial Williamsburg Lodge from October 6<sup>th</sup> to 8<sup>th</sup>, 2020.**

### **Scope**

- NDT methods like ultrasound, x-ray, eddy current, thermal imaging, laser based and optical surface inspection etc.
- Aerospace Component inspection
- Aerospace Material characterisation including additive manufacturing
- Data evaluation and image processing with a scope on big data management
- NDT system design
- Production integrated NDT&E
- Mobile NDT&E for maintenance, repair and overhaul including robotics
- Damage tolerance
- Aging Aircraft and Reusable Launch and Space Vehicles
- Structural Health Monitoring
- Prognostics and Health Management
- Numerical simulation
- Student challenge in damage monitoring analysis.

Presentations addressing the topics mentioned above and considering any NDT methods proposed such as thermal imaging, eddy current, ultrasonics, optics, x-ray testing and many others will be most welcome. Opportunities for exhibition of technology and posters will be provided, as well as technical visits to relevant aerospace related activities. More Information is available online on the conference website **[www.NDT2020.utcd Dayton.com](http://www.NDT2020.utcd Dayton.com)**.



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## GENERAL INFORMATION

**Website:** [NDT2020.utcdayton.com](http://NDT2020.utcdayton.com)

## EXHIBITION | Register by 31 August 2020

A vendor exhibition will be conducted to complement the technical presentations. A limited number of exhibit booths is available. Please visit the conference website for more information.

## SPONSORSHIP

The 12th 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, please visit the conference website for more information.

## Important Deadlines

Abstract Submission Opens	February 2020
Abstract Submission Deadline	15 May 2020
Hotel Reservation Deadline	4 September 2020

\*Please visit the Symposium Website for any updates with regard to deadlines.



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## Organising Committee

Christian Boller	Saarland University, Saarbrücken, Germany (Co-chair)
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Jill Jennewine	Universal Technology Corp. (UTC), Beaver Creek/OH, USA
Michael Stamm	Brussels Airlines/KU Leuven, Belgium (Student Challenge)

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