

## Young Researchers Session

- Concept to motivate young people for participation at ICAF

ICAF was established in 1951 and plays till today an important role in the field of Fatigue, Ageing Aircraft and Structural Integrity. With the digital age, the retirement of very experienced people, and the development of novel materials and structural concepts, a lot of knowledge will pass away. We need to keep the expertise in the world of Aeronautical Fatigue in future for our next generation. Therefore we would like to attract young people to join the ICAF Conference and Symposium.

We would like to have a special ICAF session for young people which have recently finished their Master studies, are doing a PhD or a Post Doc. This session should make it possible for young people to present their research and/or experience in Industry in the field of Aeronautical Fatigue and Structural Integrity. Hereby, we offer the young generation the possibility to present new ideas and share their first experience with international experts of ICAF.

Topics of interest:

- Crack growth and damage analysis
- Fatigue life assessment and prediction
- Structural health and load monitoring
- Material and structural tests
- Fatigue life of new materials for aircraft structures
- Structural integrity of new and ageing airplanes

During the three day ICAF symposium the local organizing committee will organize a session for young people. This could take place on Friday in the main audience of the symposium. 4 or 6 candidates will be selected for presentations of 15 minutes plus 5 minutes for questions. The candidates will be selected through the local ICAF committee.

The abstract for this session should include a motivation letter from a supervisor which highlights the activities which will be presented.

To make the participation more attractive, especially for PhD students or Post Docs (less than 1 year in June 2017 after receiving PhD), papers will be peer reviewed by ICAF experts and published in the Proceedings of the International Committee on Aeronautical Fatigue and Structural Integrity.