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36th Conference & 30th Symposium
of
the International Committee
on Aeronautical Fatigue
and Structural Integrity

Poland, Krakow 2-7 June 2019

<https://icaf2019.org>

Introduction

The International Committee on Aeronautical Fatigue and Structural Integrity (ICAF) was formed in 1951 in response to the growing concerns regarding fatigue problems in aircraft structures. The scope of ICAF interests has expanded over the years to include most aspects of aircraft structural integrity. The stated aims of ICAF are to encourage contacts between people actively engaged in aircraft structural integrity problems and to exchange information.

To this end, a conference and a symposium are organized every two years for representatives of industry, universities and institutes, regulatory agencies and operators throughout the world.

The two-day conference consists of reviews of aeronautical fatigue activities presented by the national delegates of the 17 member nations of ICAF. It is followed by the three-day symposium that involves specialist papers presented by authors with design, manufacturing, airworthiness regulations, operations and research backgrounds.

Invitation

It is a great honor for us to organize and host ICAF2019 in Krakow, Poland. So, on behalf of Marcel Bos - the ICAF General Secretary, all the ICAF National Delegates, and ourselves, we invite you to the 36th Conference and 30th Symposium of the International Committee on Aeronautical Fatigue and Structural Integrity. We welcome participants from all over the world, including those from non-member countries. We are looking forward to seeing you all in Krakow, Poland.

ICAF 2019 Co-Chairmen
Jerzy Komorowski & Antoni Niepokólczycki

Important dates	Deadline
Abstract Submission Deadline	November 9, 2018
Author Notification of Abstract Acceptance	December 14, 2018
Paper Submission Deadline	February 15, 2019
Early Registration	March 15, 2019



Registration	Before March 15, 2019	After March 16, 2019
Regular fee	850 €	950 €
Student fee	425 €	475 €
Accompanying person fee	450 €	450 €

Call for abstracts

The Technical Committee particularly welcomes papers that are related to the structural integrity aspects of Additive Manufacturing ('3D printing'), as well as contributions relating to the following topics:

- Airworthiness considerations
- Advanced materials and innovative structural concepts
- Full-scale fatigue testing of aircraft and aircraft structural components
- Life extension and management of ageing fleets
- Structural health and structural loads monitoring
- NDI, inspections and maintenance
- Fatigue crack growth and life prediction methods
- Fatigue life enhancement methods and repair solutions
- Environmental effects
- Probabilistic modelling and risk analysis

Abstracts can be uploaded to the ICAF 2019 secretariat via the website. They will be reviewed by the Technical Committee and, for authors from ICAF member countries, by their national delegates. The authors of the selected abstracts will receive instructions for preparation of the final papers or posters. The proceedings of the symposium will be issued in book form.

Technical Committee

Antoni NIEPOKÓLCZYCKI – Co-chairman
Jerzy KOMOROWSKI – Co-chairman
Andrzej LESKI – Committee Coordinator
Committee Members:

Rene ALDERLIESTEN, Marcel BOS, Krzysztof DRAGAN, Janusz FRĄCZEK, Michel GUILLAUME, Elke HOMBERGSMEIER, Andrzej KATUNIN, Sławomir KLIMASZEWSKI, Tomasz MACHNIEWICZ, Mirosław RODZEWICZ, Paweł STĘŻYCKI, Lucjan ŚNIEŻEK, Andrzej ŻYLUK