

# 44<sup>th</sup> European Rotorcraft Forum

[www.erf2018.org](http://www.erf2018.org)

DELFT - THE NETHERLANDS 18-21 SEPTEMBER 2018

## CALL FOR PAPERS

### Announcement

The European Rotorcraft Forum is one of the premier events in the rotorcraft community's calendar bringing together manufacturers, research centres, academia, operators and regulatory agencies to discuss advances in research, development, design, manufacturing, testing and operation of rotorcraft. The Forum takes place annually across Europe, rotating around the United Kingdom, Germany, France, Italy, the Netherlands and Russia. The first ERF was held in Southampton, England, in 1975. In 2018 the 44th European Rotorcraft Forum will be organised in Delft, The Netherlands from September 18-20.

The vital importance of safety in rotary wing operations is highlighted by the Helicopter Safety Workshop on the final day of ERF, hosted by the EASA Rotorcraft Sectorial Committee (RSC) and the International Helicopter Safety Team (IHST). On September 20th, the morning sessions of the workshop will focus on scientific developments and the afternoon on operational aspects. ERF participants have free entrance to the workshop.

### Call for Papers

The International Committee invites prospective authors to submit abstracts of papers for presentation at the Forum. As in previous years, the Forum sessions cover typical aspects of rotorcraft and will be held simultaneously in various conference rooms.

Session subjects include:

Acoustics, Aerodynamics, Aircraft Design, Aircraft Systems, Avionics & Sensors, Airworthiness, Cost Reduction, Crew Station & Human Factors, Dynamics, Engines & Propulsion, Flight Mechanics, Manufacturing, Operational Aspects, Safety, Simulation & Training, Structures & Materials, Test & Evaluation, History of Rotorcraft and Unmanned Rotorcraft.

Since the ERF will be organised in conjunction with the Helicopter Safety Workshop, the International Committee is particularly encouraging paper submissions related to all manner of innovative concepts and specifically about innovative safety aspects.

### Best Paper Awards

The Cheeseman Award for Best Paper prepared for and presented at the European Rotorcraft Forum ERF has been established to recognize the author(s) who has/have prepared and presented the most significant technical paper as judged and selected by his/her peers. While the quality of the archived paper is paramount in the selection process, the quality of the presentation of the material at the Forum will also be taken into account.

The selected paper is presented at the 75th Forum of the American Helicopter Society AHS.

The Author(s) not older than 30 years of age with the best paper in this age-group will receive the Padfield Award.

### Abstract Submission

Abstracts should be submitted online at the Forum website ([www.erf2018.org](http://www.erf2018.org)).

The website offers the possibility to directly upload the author's contribution. The abstract, in English with a length between 500 and 1000 words. The online mask requests additional information from the author, age (if less than 30), new or significant aspects of their work and a proposal for session assignment of the paper.

Forum Organisation will apply the rule: "no paper no podium". If a clearance is needed, the author is responsible to obtain the relevant authorization before submitting the full paper. In case of questions, do not hesitate to contact the Forum Organisation.

### Key Dates & Deadlines

16 February 2018	Abstract submission deadline
03 April 2018	Notification to authors
30 April 2018	Preliminary program and registration open
06 July 2018	Full paper submission
18 - 20 September 2018	ERF 2018 Conference
21 September 2018	Technical tours

## Social Events & Technical Visits

The forum registration fee will include a welcome reception and the Forum banquet (except for reduced registration rates). Technical visits will be organized on September 21st.

## Delft

Delft has a lot to offer! The city is well-known for its ties with the Netherlands Royal family (tombs of William of Orange and members of the Royal family) and the famous painter Vermeer. Delft is also world renowned for its Delft Blue earthenware and its lovely canals. Delft has a pleasant, well-preserved, lively historical centre, with characteristic canals, ancient merchant houses, old churches and the splendid city hall. Delft is more than 750 years old. The city owes its name to the word 'delving', digging the oldest canal, the Oude Delft. In 1246, Delft received its city franchise from the Dutch Earl Willem II. Delft is nicknamed 'de Prinsenstad' (the Prince's City), because William of Orange, the first in the Dutch royal line, held court in Delft in the 16th century. In 1842 the Royal Academy for Civil Engineers was founded. The Academy used the building vacated by the artillery school. The Academy of then is the TUDelft of today, which is also the largest employer in Delft.

Delft is synonymous with ceramics – 'Delft Blue' has been produced in this city for many centuries. At the end of the 16th century Flemish potters started to make imitations of southern European pottery. Because of the Spanish occupation, some of them fled from Antwerp to Delft and they provided the origins of the Delftware industry. Between the years 1600 and 1800 Delft was one of the most important ceramics producers in Europe.



## Venue

Delft University of Technology,  
Aula Conference Centre,  
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