



## Re-Building Bridges: Supporting human performance in the ‘new’ normal

### Invitation and call for papers for the 34th Conference of the European Association for Aviation Psychology (Sunborn Yacht Hotel, Gibraltar, 26<sup>th</sup>-30<sup>th</sup> September 2022)

The Scientific Committee of the European Association for Aviation Psychology (EAAP) is excited to announce the **FIRST CALL FOR PAPERS** for the next biannual EAAP conference. The conference will be held in Gibraltar from **26th September - 30th September 2022**. This follows the postponement of our 2020 conference due to the Covid-19 travel restrictions.

The 2022 conference theme "**Re-Building Bridges: Supporting human performance in the ‘new’ normal**" is inspired by two trends.

The first is the re-building of aviation following the Covid-19 pandemic. The “new normal” is a term introduced by ICAO referring to the continuous application of protection measures to prevent Covid-19 transmission and the stepwise return to “normal” operations. The second is linked to the EAAP Board building bridges in form of strategic partnerships with other professional aviation organisations around the globe. We have formed new links with South America, Asia and national European aviation psychology associations (e.g. IT-APA).

EAAP has also built new bridges with several specialised European aviation organisations who have joined us as new corporate members. The 34th EAAP Conference also will provide a platform to strengthen existing and new strategic partnerships.

#### Goals & target audience

EAAP is committed to ensuring high quality scientific contributions. We would like to invite students and specialists from universities and research & development organisations to present their studies. At the same time, we would like to invite key stakeholders and practitioners to not only take part, but also to exchange both their experience and their research.

Individuals and/or teams from universities, research institutions, airlines, air forces/ military organisations, air navigation service providers, airports, manufacturers, maintenance facilities, regulators, bureaus of air safety investigation, regulatory authorities, aeromedical examiners, and any others in the aviation system are invited to submit an abstract for a scientific paper or poster.

#### Contributions

Authors are invited to submit their contributions within the scope of the EAAP conference. All contributions must be of high quality, original, and must not have been previously published or intended for publication elsewhere. All abstracts and full papers will be reviewed by the scientific committee, including at least two independent reviewers.

Please note that presentation is not required for participation.

## Abstract Submissions

Abstracts should be submitted by the final deadline of **1<sup>st</sup> March 2022**. You will be able to choose whether you would like to present your abstract as a poster or as an oral presentation. Note that only the best abstracts will be selected for oral presentation.

The tradition of the Best Poster Award will be continued! This award will be presented at the end of the conference. Award winners will be invited as keynote speakers at one of the next conferences.

Please submit using the EAAP online submission system: <https://conference.eaap.net/submit.html>

## Full paper submissions

Authors of abstracts selected for oral presentation will be invited to submit a full paper. If accepted, the full paper will be published in the conference proceedings. Finally, the 5 best conference papers will be proposed for manuscript submission to the Aviation Psychology and Applied Human Factors (APAHF) journal.

Use of the abstract and full paper standard format is required. More details on this can be found on the conference website: <https://conference.eaap.net/papers.html>

## Topics

Topics of interest focus on, but are not limited to:

### Covid-19 and pandemic effects on aviation

- Psychological effects of the pandemic on aviation personnel
- Global solutions for limiting infection in aviation
- Skill degradation and retention
- Other impacts of Covid-19 on aviation

### Human performance

- Fatigue & stress management
- Human-machine interface
- Automation and artificial intelligence
- Unmanned and manned aviation
- Air-ground communications
- Physiological and neurophysiological measures

### Aviation mental health & wellbeing

- Pilot (peer) support programs
- Psychological risk assessment
- Random alcohol & drug testing
- Comprehensive mental health assessment

## Safety culture and organizational learning

- Safety climate assessment
- Safety culture development
- Just culture journeys
- Learnings from occurrence investigations
- Human Factors taxonomies
- Effective HF design recommendations

## Selection and training

- Selection and new regulatory guidance
- Personality/aptitude/attitude testing
- Validation of selection
- CRM/TRM/MRM training effectiveness
- Evidence-based/ competency-based training

## Half-day workshops

In addition, we would like to invite submissions for half-day interactive workshops. The workshops can be targeted towards starters in the field of aviation but also towards experienced professionals wanting to enhance their skills on specific topics. For more information on this, please contact [conferences@eaap.net](mailto:conferences@eaap.net).

## NEW EAAP Student Scholarship

EAAP is delighted to be able to offer financial support for EAAP34 for the first time. There will be scholarships available to students to partly fund their travel, accommodation and conference fees. Interested aviation psychology and human factors students should send a letter of motivation and their CV to [conferences@eaap.net](mailto:conferences@eaap.net).

## Important dates

- 1<sup>st</sup> March 2022 – abstract submission deadline
- 15<sup>th</sup> April 2022 – abstract acceptance
- 15<sup>th</sup> August 2022 – full paper submission
- 23<sup>rd</sup> September 2022 – registration deadline

## Conference Venue

EAAP34 will be held at the Sunborn Yacht Hotel, Gibraltar. For travel and visa advice, please check our conference website:

<https://conference.eaap.net/venue.html>

## Conference certificates

All participants will receive an electronic certificate of attendance stating (the actual days of) their participation.

## Conference Fees

Conference fees include all conference material, coffee breaks, lunch and a gala dinner. For details please check the 'fees' page on the EAAP conference website.

<https://conference.eaap.net/fees.html>

## Conference Programme

A preliminary conference programme structure can be found on our website. The final program will be available based on accepted abstracts.

<http://conference.eaap.net/program.html>

The EAAP34 keynote speakers are:

- Dr Diane Damos (USA)
- Dr Gerard Fogarty (AUS)
- Dr Dietrich Manzey (DE)
- Dr Randy Mumaw (USA)
- Best APAHF paper awards 2020/2021

Should international travel be restricted, key note speakers will be invited to join online.

You can find more information via the link below.

<https://conference.eaap.net/speakers.html>

## Registration

All registrations must be done via the conference website. You can register for the conference using the link below. You will not have to pay your conference straight upon registration but receive an invoice from the EAAP treasurer after your registration. Please note special offers and discounts on:

<https://conference.eaap.net/fees.html>

Please note that early-bird fees are offered for registrations and payments before 31<sup>st</sup> of May 2022.

<http://conference.eaap.net/register.html>

## Scientific Program Chair

Mickaël Causse affiliated with ISAE-SUPAERO in Toulouse will lead the Scientific Committee in reviewing and evaluating abstracts and full papers for acceptance in both the conference program and the subsequent conference proceedings.

## Scientific Committee

The scientific committee plays an important role in the decision-making process of potential contributions and reviews all abstracts and full papers.

Confirmed members are:

- Julia Behrend, Air France, FR
- Robert Bor, CAP, UK
- Alex de Voogt, Drew University, US
- Christophe Hurter, ENAC, FR
- Harald Kolrep, HMKW, DE
- Nadine Matton, ENAC, FR
- Claudine Melan, Univ. J. Jaures, FR
- Astrid Oehme, HFC Berlin, DE

We look forward to receiving your abstracts and papers.

**See you in Gibraltar!**

Your EAAP Board.

