

EAAP31 **Conference**

**Call for Papers,
Posters, Workshops**

AVIATION PSYCHOLOGY: facilitating change(s)

**With special sessions on
Flight Deck and ATC**

**Grand Hotel Excelsior
Valletta, Malta
22 - 26 September 2014**



www.eaap.net

European Association for Aviation Psychology

EAAP31 - Call for Papers, Posters and Workshops

The European Association for Aviation Psychology was founded October 31, 1956, in The Hague, The Netherlands.

The 31st conference of EAAP will be held in **Valletta, Malta**, from **22 - 26 September 2014**.



The overall theme of **EAAP31** will be:

AVIATION PSYCHOLOGY: FACILITATING CHANGE(S) WITH SPECIAL SESSIONS ON FLIGHT DECK AND ATC



With this **Call for Papers, Posters and Workshops** the EAAP Board would kindly like to invite you to present and share your research, expertise and experience at the EAAP31 conference.

TARGET AUDIENCE

Our target audience are psychologists and human factors practitioners working or interested in the field of civil, military or general aviation.

EAAP conference participants may be involved in selection and training of aviation personnel, clinical practice, accident investigation, workplace design, airline operations or management, military operations or management, regulation and inspection, safety and quality management, etc.

All interested aviation professionals and students are welcome, as are professionals from outside aviation but interested in human factors and safety issues.



INTRODUCTION BY THE PRESIDENT OF EAAP

The Sky is Not the limit

The saying 'the sky is the limit' used to indicate our optimism about endless possibilities for growth and expansion. And aviation succeeded wonderfully. Air travel is for everybody. But the infrastructure of air traffic has now become our limit, and a frustrating one indeed.

Limited capacity of airways, slots and airplane movements on airports are not always directly related to a lack of space but to the way we use our infrastructure. Nobody wants to collide with other aircraft at any time. So, we used to simply fly behind each other with long intervals (procedural control). Next, Radar allowed someone on the ground to see the aircraft around, so intervals could be reduced a bit. Countries are now covered with blankets of radar control that pass aircraft amongst each other, requiring coordination and communication, thus adding more bottlenecks limiting us!

Beating the barriers

SESAR and NextGen are international projects of considerable size aimed at increasing capacity for aviation. The communication barrier has to be beaten technically by implementing air-ground data link (Email in the cockpit and ATC) and replacing the old phones for controllers by internet-like networks also enabling so-called advanced planning. That is planning by means of free data shared among many parties about weather, company planning etc. Sharing such data in the open is an important psychological step for companies and organisations. Sharing and combining sections of air space into a big and more usable area is a political challenge.

Building the next step

Airways are virtual roads imposing 2D limits on travel. But there is ample space to fly in, so the Free Flight idea was

introduced, pilots can use Automatic Dependent Surveillance-Broadcast(ADS-B) and see other aircraft around them. Use all available space! Trajectory based 4D operations shall allow airlines to plan and fly the routes when and where they want it. Pilots will share the burden of separation with the ground and advanced computer tools will hopefully make all the work manageable.

Psychology of (lack of) change

There is a 'natural' resistance to change and leadership is required to implement any. Enormous challenges are ahead of us. Not only developing but especially implementing new technology and operations is now becoming the issue. We have to think about effective and affordable training and re-training of thousands of pilots and Air Traffic Controllers.

Making it happen is (y)our challenge

Our conference theme is: facilitating change(s). Psychology comes into play now. Without psychology nothing will happen or only very slowly. How can we assure that politicians will finally agree and allow a single sky over Europe? What will future technologies bring for our pilots, cabin crew, controllers, baggage handlers, mechanics? Can we have the benefits quick please? We need them!

Our keynote speakers are well informed about the possible future to come and will enlighten us about the effects of technology (Flight deck and ATC) on the work for human beings. They will also present us a picture of possible ways to deal with all that safely.

Come and join us in shaping the future!

Professor Peter Jorna
EAAP President



KEYNOTE SPEAKERS

(Keynote titles preliminary!)

Wim Huson (testpilot for EU research projects):
How to adopt and adapt to new flight deck technologies?

Sonja Biede (flight deck design AIRBUS):
What is coming and how to deal with it?

Peter Hotham (lead innovation programme SESAR):
Implementing SESAR.

Mariska Roerdink & Marian Schuver-van Blanken
(Schiphol Airport ANSP):
Managing transitions towards new systems and procedures in Air Traffic Control.

Hinnerk Eißfeldt (DLR Hamburg):
Aviator 2020 needs and requirements for staff working with future systems.

CALL FOR PAPERS, POSTERS AND WORKSHOPS

Abstracts of intended papers, posters or workshops should be submitted by **March 1, 2014** latest, using the online submission system of the EAAP Conference Management website at:

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

The 'Information for Authors' and 'Submit or Edit' pages provide you with detailed information and a template for the submission of your abstract.

Abstracts should be written in English and not exceed 350 words. Times New Roman 12pt, justified, single line spacing, spacing before: 0pt, spacing after: 6pt.

Abstracts submitted by email cannot be accepted!

Authors will receive an **Abstract ID** upon submitting their abstract which will allow them to edit their existing abstract if necessary and submit their full paper later on.

When preparing your abstract please keep in mind:

- The EAAP scientific committee will use your abstract for evaluating your submission and decide whether it will be approved for the conference program.
- Once accepted, your abstract will be printed in the EAAP31 Conference 'Book of Abstracts' as submitted. The BoA includes the conference program and the abstracts should help participants decide which sessions to attend during the conference.
- Workshops offered should involve audience involvement and interaction!

EAAP31 will once again provide poster presenters with the attention they deserve by organising a **Best Poster Competition**.

Authors will be notified of the acceptance of their presentation or workshop by **April 18, 2014**.

SUBMISSION OF FULL PAPERS

Authors of whom the papers or posters have been accepted for presentation at the conference should submit the full text of their paper or poster online by **August 29, 2014 latest**.

At <http://conference.eaap.net/papers.html> you will find the full '**Style Guide for Authors for EAAP Conference Papers**', which should be adhered to.

The proceedings will be published with ISBN registration.

SUMMARY OF DEADLINES

September 2013

Call for Papers

March 1, 2014

Deadline for the submission of abstracts of papers, posters or workshops

April 18, 2014

Authors will be informed about the acceptance of their presentation for the conference program

August 29, 2014

Deadline for the submission of the full text of your paper or poster to be included in the conference proceedings

September 22-26, 2014

31st EAAP Conference

CONFERENCE VENUE

The EAAP31 conference venue will be the

Grand Hotel Excelsior in Valletta, Malta.

The hotel is situated at Marsamxett Harbour (see map below) at walking distance of the Capital City of Valletta.

For detailed information about the hotel please see

<http://www.excelsior.com.mt/>

For information about your **accommodation** see below.



CONFERENCE CERTIFICATES

Participants attending at least 80% of the conference including a workshop will receive a certificate of attendance. The certificate counts as an approved EAAP course with respect to accreditation as EAAP Aviation Psychologist, EAAP Human Factors Specialist or EAAP Junior Aviation Psychologist.

CONFERENCE FEES

For the conference fees and the special rates please go to

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

Conference fees include conference, coffee breaks, lunch and gala dinner.

SIGN UP FOR THE CONFERENCE

Register for the conference at

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

ACCOMMODATION

Room rates are per night:

Room, single use: EUR 130, incl. breakfast

Room, double use: EUR 150, incl. breakfast

Guests will be allowed to extend their stay, or arrive earlier at the same rates and conditions, subject to availability.

All bedrooms for EAAP guests will be Seaview rooms (read: Harbourview, but some harbour).

EAAP can guarantee availability of rooms if you make your reservation **before 1. August 2014**. After that date your requested reservation will be subject to availability!

Room reservations should be made directly with the Hotel Excelsior.

The booking form will be downloadable from the EAAP Conference Management website

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

Send the completed form to

reservations@excelsior.com.mt

