



HUMAN FACTORS SYMPOSIUM

26–29 JUNE 2023

SALZBURG · AUSTRIA

About the Human Factors Symposium 2023

What could be the best way to advance the Human Factor in military and civil aviation? The Human Factor is all about interaction. We therefore created an event, where people with wide backgrounds and interests can come together to learn, discuss and share experience.

Experts, stakeholders, and other interested persons with a background in aerospace medicine, flight simulation and training are invited to participate. Whether your interest is operational flight, aerospace medicine, special operations, SAR, UPT or if you are a flight physician, instructor, aircrew, ATO, airline, aviation authority or aircraft manufacturer: The Human Factors Symposium is the chance for every person involved with aviation to get up to date with important Human Factor developments and beyond.

We designed the event to promote interaction between participants. Presentations are blended with plenty of networking opportunities. The new format and the beautiful city of Salzburg create the ideal environment for advancing Human Factor topics. Socialize, discuss problems and solutions with fellow specialists and use the symposium to create a lasting network for implementing great and sustainable ideas.

This flyer gives you an overview to the event programme. For more detailed information please visit the website human-factors-symposium.com. We are looking forward to welcome you!

Symposium Hotel

Imlauer Hotel Pitter Salzburg

Rainerstraße 6

5020 Salzburg · Austria

+43 662 88 97 80

www.imlauer.com/hotel-pitter-salzburg

Fees and Registration

Regular Rate: 550 EUR (excl. VAT)

Rate for Spouses: 250 EUR (excl. VAT), includes sightseeing tour

To register, fill in the registration form on the website human-factors-symposium.com.

Programme

Monday, 26 June

12:00—18:00 Registration*
Foyer, Imlauer Hotel Pitter Salzburg

19:30—24:00 Icebreaker
Pitterkeller, Imlauer Hotel Pitter Salzburg

* Registration is possible throughout the event for attendees arriving later.

Tuesday, 27 June, Morning Session

08:45—09:00 Introduction and Welcome
Franz Pflug, Managing Director AMST

09:00—10:00 Human Factors. Past, Present and Future
Professor Michael Bagshaw
Visiting Professor of Aviation Medicine, King's College London;
Chairman, UK General Aviation Safety Council

10:00—10:30 Human Factors and Pilots: Evolution or Paradigm Shift?
Georges Rebender,
Expert in Flight Standards and Artificial Intelligence EASA (ret.)

10:30—11:00 Coffee Break

11:00—11:30 Flight Test Training – Challenges
Dr.-Ing. Dieter Reisinger, Chief Test Pilot, Euro Flight Test GmbH;
Reinhard Martin Exner, CEO, Euro Flight Test GmbH

11:30—12:00 Human Factors And Risk Mitigation in Air Racing
Dr. Thomas M. Drekonja, CEO, CMO and
Accountable Manager of Aeromedical Center Salzburg

12:00—12:30 Neurophysiological-Based Indicators for Users' Mental States,
Training, Teamwork Assessment and
Enhanced Human-Machine Interactions
Dr. Gianluca Borghini,
Assistant Professor Sapienza University of Rome

12:30—14:00 Lunch Break

Tuesday, 27 June, Afternoon Session

14:00—14:30 A Working Fatigue Risk Management Program In ATCO Selection and University Pilot Training

Gergely Nagy, Deputy Chief Executive Officer PharmaFlight
Dr. Botond Szucs, Biologist, Pharmaflight

14:30—15:00 Automatic Performance Analysis –
Benefits and Measures for Flight Training Optimisation

Dr. Rebecca Fill Giordano, Organizational Psychologist;
Managing Director hr+ loving development

15:00—15:30 Coffee Break

15:30—16:00 Human Factors, a Test Pilot's Perspective

Lt. Col. Claus Cordes,
Experimental Test Pilot and Human Factors Representative,
German Military Flight Test Center, Manching

16:00—16:30 Making Reality Match Perception – A Building Block Approach

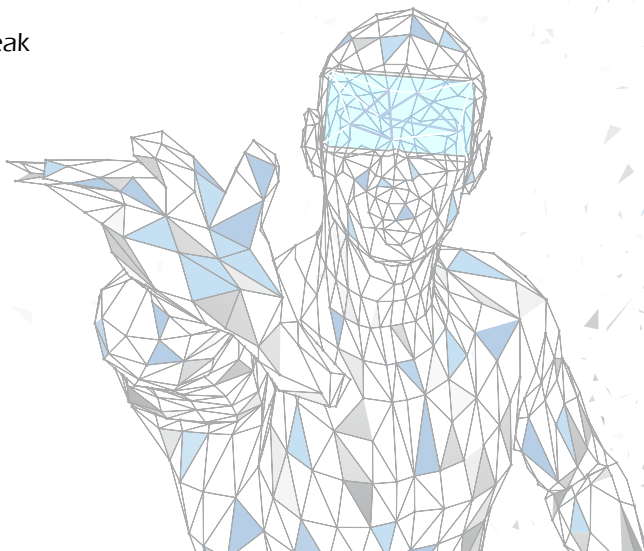
Human Factors & NVG Training Specialist

16:30—17:00 Wrap up Session and Discussion

Moderated by Heinrich Grossbongardt,
Aviation Industry Consultant Expairtise Communications

Wednesday, 28 June, Morning Session 1: Human Factors in Military Operations

- 09:00—09:30 Preservation and Change in Military Aviation Physiology
Col. Dr. Helmut Fleischer, Head of German Air Force
Aviation Physiology Training Center, Königsbrück
- 09:30—10:00 Situation(al) Awareness: Cornerstone in Flight Safety and
Mission Performance
Brig. Gen. (ret.) Dr. Erich Rödiger, MD, MC, CFS
- 10:00—10:30 Importance of Ejection Seat Training
Franz Pflug, Managing Director AMST
- 10:30—11:00 Coffee Break
- 11:00—11:30 Prevention of Helicopter Loss of Control (LOC-I)
is a Strategic Priority and UPRT Represents an
Important Step Forward to Enhance Safety Culture
Capt. Cristian Durante,
Pilot Instructor & Examiner Leonardo Helicopters
- 11:30—12:00 The Use of Simulation vs. Inflight in the Austrian Air Force
Using the Example of the Implementation of the Helicopter AW169
Lt. Col. Herbert Trommet, Chief Training Officer,
Pilot & Air Defence School Langenlebarn, Austria
- 12:00—12:30 High Fidelity Simulation for Operations in the
Degraded Visual Environment (DVE)
Douglas Vine, Human Factors & NVG Training Specialist
- 12:30—14:00 Lunch Break



Wednesday, 28 June, Morning Session 2: Human Factors in Civil Aviation

- 09:00—09:30 Improving Pilots' Competency Level:
Creative Training Approaches and Practices
Assoc. Prof. Capt. Mehmet Onur Balkan, PhD
Human Factors Specialist, SunExpress
- 09:30—10:00 Push to Unload – Are We Doing it Right?
The Human Factor in UPRT
Capt. Christof-J. Kemény, Co-Founder OneTeamCockpit Initiative;
Senior Training Advisor,
TRI/TRE A340/A320/E190, UPRT Instructor / Speaker
- 10:00—10:30 Biopsychological Model of Stress in Aircrew –
Their 'Right' to Appropriate Training
Capt. Muhammad Naushad Anjum,
Counseling Psychologist,
HCPC UK registered practitioner psychologist,
Human Factors specialist, Aviation Psychologist
- 10:30—11:00 Coffee Break
- 11:00—11:30 Sustainability in Aviation Training
Col. Ruel Rombaoa (ret.),
Head of Marketing and Sales, Alpha Aviation Group PH
- 11:30—12:00 Motion Cues Boosting Training Fidelity and Effectiveness
Clemens Moser, Senior R&D Engineer AMST
- 12:00—12:30 How to Collect Evidence from the Line
to Inform Evidence-Based Training (EBT)
Dr. Alexandra Holmes,
Research Director Fatigue Risk Management, Baines Simmons
- 12:30—14:00 Lunch Break

Wednesday, 28 June, Afternoon Session

14:00—15:00 The Role of the Pilot in Times of AI

Manfred Müller, University Lecturer for Risk Management;
Training Captain Airbus A330/340/350, retired;
former Head of Flight Safety Research at Lufthansa;
Michael Langer, Captain Airbus A320;
Managing Partner Cactus Partners

15:00—15:30 Coffee Break

15:30—16:00 Future Requirements for Gaming, Modelling and
Augmented Reality

Hannes Walter, VP Product Marketing blackshark.ai

16:00—16:30 An Approach to a Simulator Management System and
How it Benefits Training and Operations

Martin Sporrer, Head of Digital Solutions AMST

16:30—17:30 Wrap up Session and Discussion

Moderated by Andrew Drwiega,
Senior Defence and Aerospace Journalist;
and Heinrich Grossbongardt,
Aviation Industry Consultant Expairtise Communications

Wednesday, 28 June, Evening Programme

19:30—24:00 Take-Off Dinner

LOFT Salzburg, Müllner Hauptstrasse 1, loft.at

Thursday, 29 June: Technical Tour

You can choose between two Technical Tours.

08:30—16:30 Technical Tour to Bavarian Mountain Rescue Service's
Helicopter Rescue Hoist Training Centre in Bad Tölz, Germany

08:30—16:30 Technical Tour to AMST Headquarters in Ranshofen, Austria



**Human Factors Symposium 2023
Organising Committee**

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Visit the website for more information and updates.
human-factors-symposium.com