

## Information for MAS & IFATCA Reps

How Artificial Intelligence is Expected to Influence Just Culture in the Air Traffic

**the ASI AVIATION & SPACE JOURNAL**

Together with Dr. Stathis Malakis (ATCO from Greece) Marc Baumgartner (IFATCA SESAR/EASA Coordinator) co-authored an article which has been published in the latest Aviation Journal.

Abstract:

While the Air Traffic Management system is fast transitioning towards the vision of a Digital European Sky and Artificial Intelligence is seen as the key enabler, the questions concerning Just Culture have developed into: how Artificial Intelligence is expected to influence Just Culture and do we need to rewrite the Just Culture playbook? In this article we provide an initial attempt to answer these questions. We enumerate the limitations that are expected to be influential and identify two layers of concerns that prompt the rewriting of the Just Culture playbook.

[Learn more](#)

## Expressions of Interest to join the IFATCA Training Task Force (TTF)

**IFATCA**

Dear Member Associations,

Please find attached a letter Express of Interest for the IFATCA Training TF.

Kind regards,

Tatiana:

**Tatiana Iavorskaia** | Office Manager  
IFATCA | International Federation of Air Traffic Controllers' Associations  
e: [office@ifatca.org](mailto:office@ifatca.org) t: +1 514 866 7040 w: [www.ifatca.org](http://www.ifatca.org)

Attachment:

Expressions of Interest to join the IFATCA Training Task Force (TTF)

[Learn more](#)

## Letter of Credentials: 2023

**IFATCA**

Dear Member Associations,

Please find attached a letter of Credentials for Conference 2023 in Jamaica.

Please complete the form putting names of your delegates.

Thank you,

Tatiana:

**Tatiana Iavorskaia** | Office Manager  
IFATCA | International Federation of Air Traffic Controllers' Associations  
e: [office@ifatca.org](mailto:office@ifatca.org) t: +1 514 866 7040 w: [www.ifatca.org](http://www.ifatca.org)

Attachment:

LETTER OF CREDENTIALS 2023

[Learn more](#)

## Conference Committee Working Papers

The Working Papers for Conference 2023 in Jamaica:

**Committee B**

- Agenda Item: B.1 WP No: 75 Report of the EVPT Presented by Ignacio Baca
- Agenda Item: B.2 WP No: 76 TOC Chair Report Presented by Jaymi Steinberg
- Agenda Item: B.3 WP No: 77 Report of the Technical and Professional Secretary Presented by Joy Bhattacharya
- Agenda Item: B.4.1.1 WP No: 78 Report on the ICAO Air Navigation Commission Presented by the Liaison Officer to the ICAO Air Navigation Commission
- Agenda Item: B.4.1.2 WP No: 79 Report of the ICAO Air Traffic Management Operations Panel (ATMOPSP) Presented by Rick Taylor
- Agenda Item: B.1.4.3 WP No: 80 Report of the Surveillance Panel Representative Presented by Ignacio Baca
- Agenda Item: B.4.1.4 WP No: 81 Report of the Air Traffic Management Requirements and Performance Panel (ATMRPP) Presented by Lim De Wei
- Agenda Item: B.4.1.5 WP No: 82 Report of the Operational Data Link Working Group (ODLWG) Written by Markus Johansson
- Agenda Item: B.4.1.6 WP No: 83 International Civil Aviation Organization (ICAO) Flight Operations Panel (FLTOSP) Presented by Oliviero Barsanti
- Agenda Item: B.4.1.7 WP No: 84 Report of the IFATCA Representative on the ICAO Separation and Airspace Safety Panel (SASP) Presented by David Perks
- Agenda Item: B.4.1.8 WP No: 85 Report of the IFATCA Representative on the ICAO Remotely Piloted Aircraft Systems Panel (RPASP) Presented by Eugenio Diotalevi
- Agenda Item: B.4.1.9 WP No: 86 Report of the Aerodrome Design and Operations Panel Presented by Bridget Singaratnakehi
- Agenda Item: B.4.1.10 WP No: 87 Report of the ICAO Meteorological Panel Presented by Eric Avila
- Agenda Item: B.4.1.12 WP No: 88 TITLE: Instrument Flight Procedures Panel (IFPP) Presented by name: John Langa Tembo
- Agenda Item: B.4.1.13 WP No: 89 Report of the Personnel Training and Licensing Panel Presented by Austra Straume
- Agenda Item: B.5.1 WP No: 90 REVIEW OF POLICY ADME 2.14 Presented by TOC
- Agenda Item: B.5.2 WP No: 91 TPM Review – STCA Presented by TOC
- Agenda Item: B.5.3 WP No: 92 Artificial Intelligence Development in ATM and Legal Issues Presented by TOC/PLC
- Agenda Item: B.5.4 WP No: 93 High Altitude Operations (HAO) Presented by TOC
- Agenda Item: B.5.5 WP No: 94 INTERACTIONS BETWEEN UNMANNED AIRCRAFT SYSTEMS AND AIR TRAFFIC CONTROL Presented by TOC and PLC
- Agenda Item: B.5.6 WP No: 95 Navigation: Magnetic vs. True Presented by TOC
- Agenda Item: B.6.1.1 WP No: 11 Report of the EYPAFM Presented by Fatch BEKHTI
- Agenda Item: B.6.1.1 WP No: 12 Report by the Americas Executive Vice President Presented by EVP AMA
- Agenda Item: B.6.3.1 WP No:13 Report by the EVP Asia Pacific Presented by EVP Asia Pacific
- Agenda Item: B.6.4.1 WP No: 14 Report by the EVP EUR Presented by EVPEUR
- Agenda Item: B.6.4.2 WP No: 96 Report of the Liaison Officer to SESAR and EASA (LOES) Presented by Marc Baumgartner
- Agenda Item: B.6.4.3 WP No: 97 Report of the Remote Tower Standing Committee (ROSC) Presented by ROSC

**Committee C**

- Agenda Item: C.1 WP No: 150 Report of the Executive Vice President Professional Presented by EVP
- Agenda Item: C.2 WP No: 151 Report of the Professional and Legal Committee (PLC) Chair Presented by David Perks
- Agenda Item: C.3 WP No: 77 Report of the Technical and Professional Secretary Presented by Joy Bhattacharya
- Agenda Item: C.4.3 WP No: 152 Report of the ICAO Coordinator of the Remotely Piloted Aircraft Task Force (RPATF) Presented by Eugenio Diotalevi
- Agenda Item: C.4.4 WP No: 96 Report of the Liaison Officer to SESAR and EASA (LOES) Presented by Marc Baumgartner
- Agenda Item: C.5.1 WP No: 153 Report on the Information Handbook (HB) – 2020 Presented by Liaison Officer to the ICAO ANC
- Agenda Item: C.6.1 WP No: 154 ANSP KEY PERFORMANCE INDICATORS (KPIs) Presented by PLC
- Agenda Item: C.6.2 WP No: 155 Conversion of Military ATCO Licences Presented by PLC
- Agenda Item: C.6.3 WP No: 156 Dynamic Reconfiguration of the U-space Airspace (DAR) Presented by PLC
- Agenda Item: C.6.4 WP No: 157 Policy review of simultaneous ATC training on adjacent positions Presented by PLC
- Agenda Item: C.6.5 WP No: 158 INFORMATION OVERLOAD IN ATC Presented by PLC
- Agenda Item: C.6.6 WP No.: 159 Operating two Different Air Traffic Control Ratings during the same Operational Shift Presented by PLC

[Learn more \(click links above - IWEN-NET Login required\)](#)

## ICAO Global

### Latest version of the Location Indicators (Doc 7910/187)

**ICAO**

You see airport codes every time you travel – do you know the story behind them?

They serve different purposes, this is the difference between the ICAO and IATA codes that are assigned to every airport

[Learn more](#)

**Doc 7910/187**

Location Indicators  
Indicateurs d'emplacement  
Indicadores de lugar  
Местоположения (Индикаторы)  
رموز المواقع  
地名代码

March 2023 | Mars 2023 | Marzo de 2023 | März 2023 | 2023年3月 | 2023年3月

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

[Learn more](#)

## Re: A message from the Secretary General of ICAO (Posted in IWEN #15 of 2023)

**ICAO**

Jean-Francois Lepage, IFATCA Rep. at ICAO ANC <[jeanfrancoislepage@gmail.com](mailto:jeanfrancoislepage@gmail.com)> commented:

**Re: A message from the Secretary General of ICAO**

This is **fake**. Sec Gen never sends email from that address. **Never. Plus they would never send that by email, it would be posted on the website and sent via State Letter. I'll report it to ICAO IT department. "**

## DRONE ENABLE 2023 Webinar Series

**ICAO**

**WEBINAR SERIES**

**DRONE ENABLE**

ICAO will be providing a series of educational and informative webinars as a lead up to the DRONE ENABLE 2023 Symposium. These webinars will address various topics relating to unmanned aircraft systems (UAS), advanced air mobility (AAM) and UAS traffic management (UTM), including the lessons learned and experiences from the industry.

- 1st Webinar UTM as an Enabler for Collaborative Operating Environments (30 May 2023)
- 2nd Webinar UTM Financial Sustainability Lessons (18 September 2023)
- 3rd Webinar UTM Deployment Best Practices and Strategies (14 November 2023)

[Learn more \(click links above\)](#)

## Join us at the Global Aviation Gender Summit 2023!

**ICAO**

**Global Aviation Gender Summit 2023**

From July 5th to July 7th, 2023, we will gather in sunny Madrid, Spain, for three days of insightful discussions and forward-thinking solutions. We are thrilled to welcome sponsors and exhibitors who share our commitment to advancing gender equality in aviation. This is your chance to showcase your organization's support for this important cause and connect with industry leaders and stakeholders.

ICAO Global Aviation Gender Summit 2023 is generously hosted by the Government of Spain and, on its behalf, by the Ministry of Transport, Mobility and Urban Agenda. It will bring together high-level officials, policymakers, experts and stakeholders worldwide to explore and identify entry points for advancing gender equality in aviation.

Join us as we discuss the impacts of COVID-19 on women in aviation, future challenges and opportunities, including best practices and lessons learned, to enhance gender equality in aviation at all levels.

Don't miss this opportunity to be part of the conversation and contribute to advancing gender equality in the aviation industry. Join us now and secure your place at the Summit! Let's take off towards a more equal and inclusive aviation world.

[Learn more](#)

## ICAO State Letters

ICAO State Letters supplies information which may or may not require action.

NUMBER	SUBJECT	DATE	IFATCA RESPONSE DUE BY	LAST DATE / IFATCA RESPONSE
2023/26 <a href="#">click here</a>	Adoption of Amendment 93 to Annex 10, Volume I	03/04/2023	No Response Required	31/07/2023
2023/24 <a href="#">click here</a>	Exchange of best practices on gender equality and the promotion of women in the global aviation sector	23/03/2023	No Response Required	28/04/2023
2023/18 <a href="#">click here</a>	Proposals for the amendment of Annexes 19 and consequential amendments to Annexes 1, 6 Parts I and III; and 13	05/04/2023	29/09/2023	05/10/2023
2023/13 <a href="#">click here</a>	DRONE ENABLE 2023 Symposium and Request for Information (RFI), Montreal, Canada from 5 to 7 December 2023	15/03/2023	Sent to Eugenio	19/05/2023
2023/07 <a href="#">click here</a>	Proposals for the amendment of Annex 4, PANS-OPS (Doc 8168), Volumes I and II and PANS-AIM (Doc 10066) concerning charting navigation specifications and accuracies, instrument flight procedures (IFP) for helicopter performance-based navigation (PBN) operations, altitudes on instrument procedures, quality assurance for flight procedure design and maintenance of criteria	20/01/2023	06/07/2023	20/07/2023
2023/06 <a href="#">click here</a>	Corrigendum No. 1	06/03/2023	01/08/2023	14/08/2023
2023/06 <a href="#">click here</a>	Proposals for amendment of Annexes 3, 4, 10, Volumes II and III, 15, PANS-ABC, PANS-AIM, as well as the publication of the first edition of PANS-IM, concerning aeronautical information management, system-wide information management and information security	13/02/2023	01/08/2023	14/08/2023
2023/01 <a href="#">click here</a>	Proposals for the amendment of Annexes 6, Parts I, II and III, 10, Vol. II, 11, 15, PANS-ABC, PANS-AIM and PANS-ATM arising from the fifth meeting of the Meteorology Panel (METP/5)	26/01/2023	No Response Required	26/07/2023
2023/08 <a href="#">click here</a>	Proposals for the amendment of Annexes 2, 10, Volume II, PANS-ATM (Doc 4444), PANS-AIM (Doc 10066) and consequential amendments to Annexes 1, 6, Parts I, II and III, 9, 11, 16, Volume IV, PANS-OPS, Volume I (Doc 8168), and PANS-ABC (Doc 8166), concerning the initial implementation of the flight and flow – information for a collaborative environment (FF-ICE) services	29/12/2022	06/06/2023	29/06/2023
2022/106 <a href="#">click here</a>	Proposed amendments to Annex 10, Volume III, related to 24-Bit aircraft address stemming from the fourth meeting of the Surveillance Panel (SP/4)	22/12/2022	06/06/2023	22/06/2023

## ICAO Electronic Bulletins

ICAO Electronic Bulletins merely supplies information and do not require action.

NUMBER	TITLE	DATE
EB 2023/17 <a href="#">click here</a>	ICAO Women in Aviation Multimedia Engagement Contest	2023-04-14
EB 2023/16 <a href="#">click here</a>	Extension of Deadline for Responses to State Letter LE 47/6 – 22/11/16: Legal Survey on the Implementation by States of Article 12 of the Chicago Convention	2023-03-31
EB 2023/13 <a href="#">click here</a>	Resolution of a Significant Safety Concern (SSC) — Argentina	2023-03-29
EB 2023/11 <a href="#">click here</a>	Launch of the ICAO Electronic Personnel Licence (EPL) Verification Tool Set	2023-03-22

## European Region (EUR)

### Discover EUROCONTROL's All Together Now guide

**EUROCONTROL**

**ALL TOGETHER NOW**

Don't just think local, think Network!

EUROCONTROL has just published a hands-on guide for flight dispatchers, pilots, air traffic controllers, flow management positions and airport staff to best prepare for increased air traffic levels during summer 2023. The document called 'All together now 2023', which is part of EUROCONTROL's **Preparing for Summer 2023 roadmap** shows which processes operational staff should follow to ensure efficient, optimal operations.

Air traffic in Europe this summer is expected to be up to 15% above the traffic levels of 2022 – that's up to 5,000 more flights per day. The war in Ukraine means less airspace is available, with many long-haul flights routing to the south-east to avoid Russia; and three times as much military activity, further restricting available airspace. The EUROCONTROL Network Manager (NM) is coordinating closely with all air operational partners across Europe, promoting a **joint approach** to maximise available capacity and to keep delays to a minimum. This joint approach emphasizes:

- prioritising first rotation to allow for on time departure
- disciplined flight plan execution to ensure predictability
- delivering agreed capacities
- realistic schedules, including turnaround times

If you have questions on 'All Together Now', please contact **Steven Moore**, our Head of ATM Network Operations.

[Learn more](#)

## EASA – new unplanned rulemaking activity to transpose ICAO Annex 8 SARPS

**EASA**  
European Aviation Safety Agency

**ToR RMT.0740**

Regular update of Regulations (EU) 748/2012 and (EU) 2015/640 and associated AMC&GM and CS-26 to transpose ICAO SARPS

11 Apr 2023

Issue: 01

ICAO Council regularly adopts new Airworthiness and Recommended Practices (SARPs) in the Annexes to the Chicago Convention (e.g. Annex 8 'Airworthiness of Aircraft'; Annex 6 'Operation of Aircraft' and Annex 19 'Safety Management'), which may need to be transposed in Commission Regulations (EU) No 748/2012 and (EU) 2015/640 and the associated acceptable means of compliance (AMC) and guidance material (GM), as well as CS-26 as relevant for the newly adopted SARPs and as reflected in the dedicated subtask as described in the EPAS.

The objective of this RMT is to maintain and increase the level of safety and ensure the recognition in 3rd countries of certificates issued i.a.w. the above Regulations by transposing ICAO SARPs. This will be done after an assessment of the changes proposed by ICAO. This RMT is a permanent activity to address newly adopted airworthiness SARPs, except those related to continuing airworthiness.

[Learn more](#)

## ECAC Weekly Press Review - 11 April, 2023

**ECAC**

Topics:

- ECAC & Organisations
- Airlines & Airports
- COVID-19
- Economic matters
- Environment
- Safety
- Security
- UAS

[Learn more](#)

## Other Information

### Welcome to the first Air Traffic Technology International Newsletter

**AIR TRAFFIC TECHNOLOGY INTERNATIONAL**

Here at last to keep you up to date with the latest industry news is our monthly Air Traffic Technology newsletter, which as a reader of our magazine and an ATC industry professional you can expect to receive on the first Wednesday of each month.

We will be presenting you with a curated selection of the ATC sector's latest news and serving you a selection of our in-depth features. Last month we also launched our new website, to give you more options on how to read our industry-leading content – HTML web pages, digital magazine or print.

As ever our aim is to present you with you information and insight about the latest and most innovative ATC technologies, products, services, simulation and training and to provide a forum for the comprehensive exchange of the latest ideas and concepts about ATC.

If have any feedback about our new digital products or would like to make a contribution to the website or magazine, please do get in touch with me via the email address below. I hope you enjoy the newsletter and website and find it informative and useful.

Ben Sampson  
[ben.sampson@smakallengroup.com](mailto:ben.sampson@smakallengroup.com)

[Learn more](#)

## Welcome to the April 2023 edition of SKYlight

**SKYbrary**

Welcome to the April 2023 edition of SKYlight - "Safety Intelligence as a Service". This month, following a devastating tornado in Mississippi, we take a look at the weather radar signatures that help forecasters identify tornadic activity. We also have several new and updated articles prepared by members of our editorial team.

**Tornadic Debris Signature (TDS)**

The image above is of a terrific thunderstorm near La Grange, Wyoming (USA) captured during the VORTEX2 project. In the velocity image on the left, Blues/green represent winds moving towards the radar, and reds/yellows indicate winds moving away from the radar. In the reflectivity image on the right, the main body of the storm can be seen, with the appendage on the bottom of the storm being a hook echo. (Source: Wikimedia: Joshua Wurman, Centre for Severe Weather Research)

**Hook Echoes**

A hook echo is a pendant or hook-shaped weather radar signature as part of some supercell thunderstorms. It is found in the lower portions of a storm as air and precipitation flow into a mesocyclone resulting in a curved feature of reflectivity. The echo is produced by rain, hail, or even debris being wrapped around the cyclone. It is one of the classic hallmarks of tornado-producing supercells.

During some destructive tornadoes, debris lofted from the surface may be detected as a "debris ball" on the end of the hook structure.

**Debris Ball**

A tornadic debris signature (TDS), often colloquially referred to as a debris ball, is an area of high reflectivity on weather radar caused by debris lofting into the air. Debris balls are seen on radar reflectivity images as a small, roundish area of high reflectivity values.

[Learn more](#)

## Pilot Fatigue (SKYclip)

**SKYbrary**

**Pilot Fatigue (SKYclip)**

[Learn more](#)

## 2023 Safety Forum - Registration is now open

**SKYbrary**

**2023 Safety Forum: Knowledge, Skills and Experience for Safe Operations**

Speakers from across the aviation industry will presenting their views on knowledge, skills and experience for safe operations at this year's Safety Forum in Brussels, 7–8 June 2023. Book your place now...

**BRUSSELS | JUNE 7-8, 2023**

**SAFETY FORUM**

KNOWLEDGE, SKILLS AND EXPERIENCE FOR SAFE OPERATIONS

Powered by SKYbrary

[Learn more](#)

## Weekly Security Articles of Interest - 14 April, 2023

**SAE INTERNATIONAL**

Sent by: SAE Staff Representative: Dorothy Lloyd, Standards Specialist, Aerospace Standards

The articles have been curated by an independent team of subject matter experts to raise awareness of contemporary cyber-physical security issues with systems, software and hardware assurance.

Topics:

- For a list of events to attend
- Event's Online
- Event's In-person
- Request for comments
- Patches/Advisories
- Podcasts/Videos
- Regulations
- Reports - Government
- Reports - Industry
- White House
- Articles of Interest
- Subscription Required

[Learn more](#)

## IWEN Calendar

IFATCA (International Federation of Air Traffic Controllers' Associations)
EASA (European Union Aviation Safety Agency)
SESAR (Single European Sky ATM Research)
EUROCAE (European Organisation for Civil Aviation Equipment)
EUROCONTROL
EC (European Commission)
EGHD (SES Expert Group on Human Dimension)
ICB (Industry Consultation Body)
IFALPA (International Federation of Air Line Pilots' Associations)
ICAO Global
ICAO European and North Atlantic (EUR/NAT) Office
ICAO Asia and Pacific (APAC) Office
ICAO Middle East (MID) Office
ICAO South American (SAM) North American, Central American & Caribbean (NACC) Office
ICAO Eastern and Southern African (ESAF) Western and Central Africa (WACAF) Office
NATCA Events
Other

APRIL 2023		
Civil-Military Stakeholder Committee meeting (CMSC/8), Brussels, Belgium [DATE UPDATED]	19	19
APPDSC (ATM Procedures Development Sub Group)/86, EUROCONTROL, Brussels, Belgium & Webex   09:30 to 17:30 CEST	25	27
MAY 2023		
77th IFALPA Conference, Montreal, Canada	4	7
62nd Annual International Federation of Air Traffic Controllers' Association (IFATCA) Conference, Montego Bay, Jamaica	8	12
EASA Artificial Intelligence Days - High Level Conference, Köln, Germany	16	17
1st Webinar UTM as an Enabler for Collaborative Operating Environments   1000 - 1130 EST	30	30
JUNE 2023		
10th Safety Forum   EUROCONTROL, headquarters Brussels, Belgium	7	8
CANSO GLOBAL ATM SUMMIT 2023 AND 27TH AGM, Berlin, Germany	7	9
Provisional Council (PC#59), Brussels, Belgium	15	15
1st HAKU Dissemination Workshop, EUROCONTROL, Brussels, Belgium	26	27
JULY 2023		
Global Aviation Gender Summit 2023, Madrid, Spain	5	7
SEPTEMBER 2023		
Controllers' Music Festival, Resort is located in south Italy, in an area served with 2 main airports (LIBR, LIBD)	3	7
2023 Altimetry System Error (ASE) Workshop, Brussels, Belgium	5	7
2nd Webinar UTM Financial Sustainability Strategies   1000 - 1130 EST	18	18
OCTOBER 2023		
Civil-Military Stakeholder Committee meeting (CMSC/9), Brussels, Belgium	12	12
IFATCA EUR Regional Meeting, Riga, Latvia [Link to be updated]	16	18
IFATCA AMA Regional Meeting, Nassau, Bahamas [Link to be updated]	25	27
NOVEMBER 2023		
IFATCA AFM Regional Meeting, Algiers, Algeria [Link to be updated]	TBD	TBD
3rd Webinar UTM Deployment Best Practices and Lessons Learned   1000 - 1230 EST	14	14
Provisional Council (PC#60), Brussels, Belgium	23	23
JUNE 2024		
Provisional Council (PC#61), Brussels, Belgium [PROPOSED]	13	13