

ICAO

Hosted by

IFATSEA
International Federation of Air Traffic Safety Electronics Associations

AIR NAVIGATION WORLD

COMMUNICATIONS, NAVIGATION, SURVEILLANCE, AND SPECTRUM

CNSS 2026

12 - 15 October | Kotor, Montenegro

Ms. Muna Alnadaf



Mrs. Alnadaf is a Technical Officer CNSS at the Air Navigation Bureau at ICAO headquarter since Nov. 2023. Prior to joining ICAO HQ, she used to work as CNS Regional Officer at ICAO Middle East Office.

Muna started her career in Jordan Civil Aviation Regulatory Commission and held numerous positions, eventually Muna became the CNS director.

Muna has more than 25 years of experience in air navigation, she holds a BSc in electrical Engineering (Telecommunication & Computer), MBA/MIS degree, PGD in Project Management, and diploma in Aeronautical Telecommunication Engineering. She is also officially certified in PMP, CCNA, CCNP.

The Navigation Stream

Session 8, Panel Discussion	**GNSS RFI today: From Awareness to Action**
Session 9, Flash Talk	GNSS Spectrum Protection: The ITU Framework
Session 10, Panel Discussion	Resilience by Design: NAV MON/ RON
Session 11, Flash Talk	SBAS: Enabling Growth in AFI
Session 12, Flash Talk	**Validating SARPs: from Draft to implementation**

The Navigation Stream

Skytalk Presentations

Tuesday, 14;00	Thales
Tuesday, 16:30	SKAI Data Services
Wednesday, 16:50	Intersoft Electronics
Thursday, 14:30	Digital Instruments SRL

ICAO GNSS RFI Roadmap



Mr. Hette Hoekema



Mr. Hoekema is the Chief Expert Avionics & Electrical Systems and Acting Chief Engineer & Safety Adviser at the European Union Aviation Safety Agency (EASA). He has over 30 years of experience working in the aviation industry, starting as an engineer at one of Europe's major airlines before joining EASA. His responsibilities include the development of regulation, policies, and standards in the fields of avionics, cybersecurity, electrical systems, as well as electronic flight control systems, and ensuring the consistent application thereof.

Hette supports certification and rulemaking teams and provides advice to EASA management at every level. Since joining EASA, Hette has played an active role the development of policies on CNS, Datalink/CPDLC, spectrum as well as the development specific policies for General Aviation, Rotorcraft and Unmanned Aircraft Systems.

As of the 1st of July 2026, Hette has also taken up the role of Acting Chief Engineer & Safety Adviser.

Mr. Bulent Atas



Captain Bülent Ataş is an Airbus A330 Captain at Turkish Airlines and serves in the Flight Operations Risk Assessment Department.

His work focuses on operational safety, GNSS interference, and navigation resilience, supporting the development of risk assessments, operational guidance, and pilot awareness. He has participated in several international working groups and industry forums on GNSS resilience, contributing an airline operational perspective to discussions involving regulators, manufacturers, and operators.

Capt. Atas's primary interest is translating operational experience into practical, safety-focused actions for flight crews.

Mr. Ken Alexander



Mr. Alexander is the FAA's Chief Scientist for satellite navigation systems Ken advises and addresses technical, safety, security, and policy challenges for aircraft and ATC infrastructure including implementation of positioning, navigation and timing (PNT) resiliency.

Ken is a member of the ICAO Council's Cybersecurity Advisory Committee and Chairs the ICAO Navigation Systems Panel.

Ken is a retired USAF pilot with over 45 years' experience in aircraft and avionics engineering, operations and procurement.

Ken has a commercial, multi-engine transport rating and a Master of Engineering degree.

EASA

Mr. Nikola Cojić



Nikola Cojić is a member of the IFATSEA Executive Board and President of the ATSEP Association of Montenegro. He is an ATSEP specialist and instructor in Montenegro. Nikola’s operational role provides him with extensive hands-on experience across the full range of CNS systems used in the ATM infrastructure.

Prior to joining civil aviation, Nikola gained professional experience in military telecommunications and information security, providing a strong foundation in resilient communications, critical infrastructure and safety-critical operational environments.

Through IFATSEA, he is actively engaged in international initiatives. He was part of the international team that contributed to IFATSEA's organizational transformation in 2023, helping establish the foundations for the Federation's continued growth and stronger global engagement.

Ms. Eman Almarashda



Ms. Almarashda is a Senior Specialist in ANS Engineering at the General Civil Aviation Authority (GCAA), UAE. She specializes in Communications, Navigation, and Surveillance (CNS) systems, with experience in air traffic management modernization, operational engineering, technical governance, and system lifecycle management.

Eman has contributed to the implementation of major CNS and ATM projects, the development of operational procedures, and technical training initiatives.

Eman is passionate about enhancing the resilience, safety, and efficiency of air navigation services through innovation, collaboration, and the adoption of emerging technologies that support the future of aviation.

Dr. Sai Kalyanaraman



Dr. Sai Kalyanaraman is a Principal Technical Fellow at Collins Aerospace where he supports GNSS and radio altimeter sensor development, standardization activities and PNT efforts. In addition, he leads the RTX Spectrum Advisory Committee and represents Collins Aerospace at a variety of navigation and spectrum management fora.

Dr. Kalyanaraman is the secretary of SC-239 that is currently chartered with developing new standards for Radio altimeters and he also chairs the GPS Interference and Antennas working groups within RTCA SC-159. His areas of interest and expertise encompass integrity monitoring, adaptive array processing, frequency references for navigation applications, receiver design and nav sensor integration.

Mr. Loftur Jónasson



Chief CNS and Spectrum, ICAO

Loftur Jónasson is the Chief of the Communications, Navigation and Surveillance (CNS) Section of ICAO.

Since joining ICAO in 2007, he has facilitated standards making for CNS systems, aeronautical spectrum management, and served as the representative/focal point for aeronautical interests at International Telecommunication Union (ITU) World Radio-communication Conferences (WRC) and related international spectrum regulatory fora.

Secretary of technical panels of ICAO's Air Navigation Commission: Aeronautical Communications Panel (ACP), 2007–2013; Frequency Spectrum Management Panel (FSMP), 2013–2024.

Prior to joining ICAO, 15 years of experience with various aeronautical radio- and telecommunication engineering tasks and projects, mainly in support of air/ground and ground/ground voice and data communications and surveillance applications in the North Atlantic region. 1996-2007 an active member of the ACP, including being the Rapporteur of two of its long-standing working groups.

Mr. Nikolai Vassiliev



Mr. Nikolai Vassiliev is the Chief, Terrestrial Services Department in the Radiocommunication Bureau, International Telecommunication Union (ITU).

He obtained his Master's degree in radiocommunications in 1985 and MBA in management in 19992.

From 1985 to 1996 he worked at different positions in the National Frequency Centre of Russia and in 1996 joined the International Telecommunication Union.

His current responsibilities cover spectrum management for terrestrial radiocommunication services, including aeronautical ones, application of the regulatory and operational procedures of the Radio Regulations and regional agreements, providing technical assistance to ITU administrations.

At the international level, he participated in 11 world and regional radiocommunication conferences (since 1992) and numerous spectrum management meetings of APT, ATU, CEPT, CITEL and RCC countries.

Ms. Muna Alnadaf



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SKYTALKS

INDUSTRY

Sustainable Navaids for En-route, Approach & Landing

Civil-Military Resilient Operational Network



Massimiliano Ferla

Product Line Manager Navigation and Non Radar Surveillance systems

Thales

Mr. Okuary Osechas



Dr. Osechas is a researcher with the Zurich University of Applied Sciences (ZHAW), where he is making navigation services for aviation resilient to interference.

Okuary supports several working groups at ICAO, EUROCAE and RTCA. He currently chairs WG-85, dedicated to performance-based navigation for four-dimensional trajectories. He received a PhD in Electrical Engineering from Tufts University and went on to work for the German Aerospace Center (DLR) before joining ZHAW.

His technical expertise and interests include navigation integrity for aviation, both for satellite navigation, as well as alternatives to GNSS.

Mr. Ken Alexander



Mr. Alexander is the FAA's Chief Scientist for satellite navigation systems Ken advises and addresses technical, safety, security, and policy challenges for aircraft and ATC infrastructure including implementation of positioning, navigation and timing (PNT) resiliency.

Ken is a member of the ICAO Council's Cybersecurity Advisory Committee and Chairs the ICAO Navigation Systems Panel.

Ken is a retired USAF pilot with over 45 years' experience in aircraft and avionics engineering, operations and procurement.

Ken has a commercial, multi-engine transport rating and a Master of Engineering degree.

EASA

Mr. Harvey Gabriel Lekamisy



Mr. Harvey Gabriel Lekamisy is a distinguished aviation and CNS expert serving as ICAO ESAF Regional Officer for CNS and Spectrum. With over two decades of experience in civil aviation, including more than ten years with ICAO, he has played a key role in advancing satellite-based CNS systems, air navigation policy, regulatory oversight, and regional aviation modernization.

Prior to ICAO, he led air navigation services oversight for the Madagascar CAA and held senior positions in the telecommunications and aerospace sectors. Combining deep technical expertise with strategic leadership, he is widely recognized for driving innovation, safety, and capacity-building across the aviation community. He holds advanced postgraduate qualifications in satellite-based CNS, GNSS applications, and industrial electronics.

Mr. Julien Lapie



Advisor to the Director of Air Navigation

Mr. Julien Lapie is a graduate of the École Nationale de l'Aviation Civile (ENAC), France, and brings over 25 years of experience in air navigation. Since 2010, he has been serving ASECNA, the Agency for Air Navigation Safety in Africa and Madagascar, currently as Advisor to the Director of Air Navigation and Manager of the ANGA programme. He is a member of the ICAO Navigation Systems Panel and co-chairs the Operational Sub-group of the SBAS Interoperability Working Group, the global cooperation platform of SBAS providers.

Dr. Soniya Nibhani



Dr. Soniya Nibhani is a distinguished aviation professional with extensive experience in advancing next-generation air navigation systems across Asia and the Pacific. She has led regional implementation efforts for CRV and SWIM, served as Secretary to several ICAO expert groups, and played a pivotal role in strengthening collaboration among States and industry stakeholders.

Beyond ANS modernization, she champions ICAO APAC initiatives on Gender Equality and Artificial Intelligence, helping shape a more innovative, resilient, and inclusive future for aviation.

Mr. Susumu Saito



Principal Researcher, ENRI, National Institute of Maritime, Port and Aviation Technology (MPAT), Japan

Mr. Susumu Saito is a Principal Researcher of Electronic Navigation Research Institute, National Institute of Maritime, Port and Aviation Technology, Japan. His current research topics include ionospheric effects on GNSS, development of GNSS ground-based augmentation system (GBAS) suitable for the low latitude region, and ionosphere and space weather sciences using radio and optical techniques. He is a Rapporteur of the Validation Working Group (VWG) of the ICAO Navigation Systems Panel (NSP). He is also a co-chair of the ICAO Asia-Pacific GBAS/SBAS Implementation Task Force. He received his B.S., M.S, and Ph.D degrees in ionospheric physics from Nagoya University, Japan.