



Ignacio Otero Lacaci

"I am a reliable, hardworking and technophile person and a committed team player"

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Spanish

3rd February 1994

Education and training

- Apr/2021 SESAR European ATM Architecture (EATMA) Architect license - EUROCONTROL
- 2017-2018 Master in aerospace engineering - Université de Liège (Erasmus)
- 2016-2017 Master in air navigation systems (MUSTA) - Technical University of Madrid (UPM)
- 2012-2016 Aerospace engineering – Technical University of Madrid (UPM)

Work experience

Sep 2019 – Present
ALG (INDRA)

- Support for the development of SESAR TAM solutions for EUROCONTROL (PJ.04-W2) encompassed within CP1 regulation
 - Operational, Service and Environmental definition (OSED)
 - AOP-NOP seamless integration through Collaborative solutions (e.g. Advance Tower, RNI...)
 - Environmental Performance Management Solution development
 - Safety Assessment Reports (SARs) elaboration
- SESAR PJ19-PJ.20 Content Analysis Support
 - Active monitoring of PJ.02-W2-14.2 Second Runway Aiming Point (SRAP), 14.3 Increased Second Glide Slope (ISGS) and 14.5 IGS to SRAP solutions
 - Active monitoring of PJ.02-W2-17.1 — Improved safety of runway operations at secondary airports in low visibility conditions
 - Active Monitoring of Solution PJ.02-W2-17.2 — Airborne navigation capability to achieve LPV-100/CAT II approach
 - Active Monitoring of Solution PJ.02-W2-17.3 — Airport safety nets for controllers at secondary airports
 - Active Monitoring of Solution PJ.02-W2-25.1 — Enhanced runway condition awareness for runway excursion prevention
 - EATM Master Plan contribution
 - Transversal activities for Common Project (CP1) regulation elaboration
- Athens International Airport Concept of Operations (ConOps)
 - Operating concept definition for the next 15 years to comply with EU CP1 regulation and Global Air Navigation Plan (GANP)
 - Airport Operations Control Centre (APOC) definition
 - ATHINAI Terminal Manoeuvring Area (TMA) area analysis
 - AOP/NOP integration with Network Manager Operations Centre

- International Bogotá Airport and Lima Airport CDM Implementation
 - A-CDM Operational procedures definition, system implementation supervision and training
 - Pre-Departure Sequence definition and integration with DMAN with ATC
 - Air Traffic Flow Management and Capacity Management (ATFCM) integration with A-CDM
- NewLim International Airport Concept of Operations (ConOps) definition
 - Operational needs analysis and System and operational roadmap implementation

Sep 2018 – Sep 2019
AYESA

- Airports Master Plans in the Republic of Perú (Infrastructure planning, Environmental management, Aeronautical Easements identification...)
- Project Manager for AENA and safety analysis (infrastructure and electrical projects)
- Consulting services for the tender of the third group of airports of the Republic of Peru

Apr – Aug 2017
Technical University of Madrid (UPM)

- Internship developing a benchmark of Air Navigation Service Providers (ANSPs) exploring failures, advantages and areas for improvement of the national ANSP (ENAIRES) to improve the services provided

Feb – Jul 2016
INDRA

- Internship in the development of solutions for SESAR digitalisation initiatives (e.g. Advance Tower, A-CDM...)

Languages

• **English:** High level

Grade: ADVANCE C1 2017

• **French:** Basic level

Grade: DELF A2+ 2018

Tools

- **TABLEAU**
- **POWER BI**
- **MICROSOFT PROJECT**
- **DIALUX**
- **MICROSOFT OFFICE**
- **SESAR MEGA**
- **AviPLAN**
- **VISIO**