

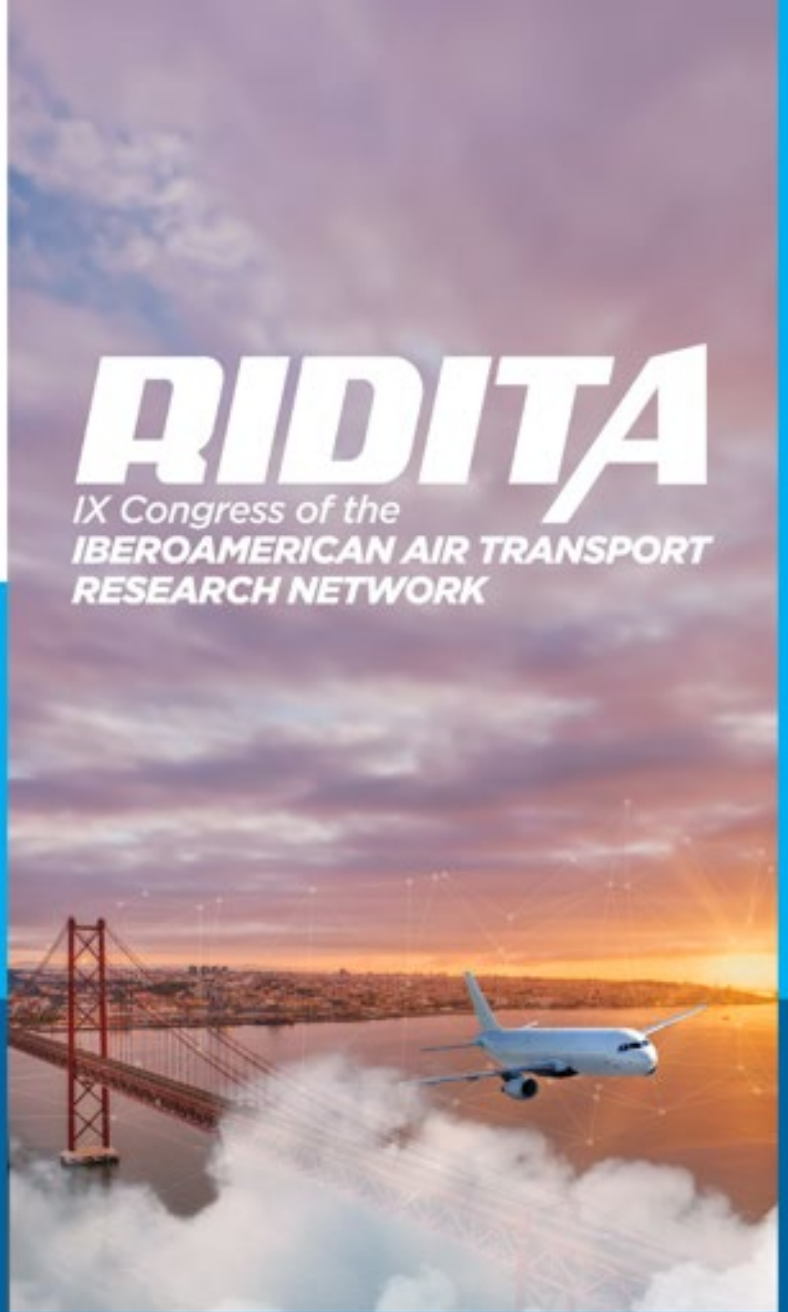


RIDITA

*IX Congress of the
IBEROAMERICAN AIR TRANSPORT
RESEARCH NETWORK*

*Lisboa - Portugal
June 27-29, 2024*

Conference Programme



**IX Iberoamerican Air Transportation
Research Society International Congress**
“The Resilience and Sustainability of Air Transportation.”

**IX Congresso Internacional da Sociedade
Ibero-americana de Pesquisa em Transporte Aéreo**
“A Resiliência e a Sustentabilidade do Transporte Aéreo”.

**IX Congreso Internacional de la Red Iberoamericana
de Investigación en Transporte Aéreo.**
“La resiliencia y la sostenibilidad del transporte aéreo”



→ ORGANIZING COMMITTEE



Mª Emília Baltazar
(Chairwoman)



Jorge Miguel dos Reis Silva
(Vice-Chairman)



Vasco Reis
IST

→ SCIENTIFIC COMMITTEE

Alejandro Di Bernardi	Universidad Nacional de La Plata, Argentina.
Claudio Jorge Alves	Instituto Tecnológico de Aeronáutica, Brazil.
Daniel Montero Ferreiro	Universidad de Buenos Aires, Argentina.
Eliane de Brito	Universidade da Beira Interior, Portugal.
Evandro da Silva	Instituto Tecnológico de Aeronáutica, Brazil.
Germán De Los Ríos	Universidad Pontificia Bolivariana, Colombia.
Gustavo Alonso	Universidad Politécnica de Madrid, Spain.
Jorge Reis Silva	Universidade da Beira Interior, Portugal.
José Hernández Luis	Universidad de Las Palmas de Gran Canaria, Spain.
Kenneth Button	George Mason University, USA.
Leandro Magalhães	ISEC Lisboa, Portugal.
Luis Santos	ISEC Lisboa, Portugal.
Maria Emília Baltazar	ISEC Lisboa, Portugal.
Martin Dresner	Air Transport Research Society (ATRS), Canada.
Mauro Caetano	Instituto Tecnológico de Aeronáutica, Brazil.
Miguel Mújica Mota	Amsterdam University of Applied Sciences, Netherlands.
Omar Daniel Netto	Universidade da Beira Interior, Portugal.
Oscar Rico	Universidad Autónoma de Querétaro, Mexico.
Rogéria Arantes	Instituto Tecnológico de Aeronáutica, Brazil.
Rosário Macário	Instituto Superior Técnico – Universidade de Lisboa, Portugal.
Saulo da Silva	ICAO, Canada.
Vasco Reis	Instituto Superior Técnico – Universidade de Lisboa, Portugal.

→ JUNTA DIRECTIVA RIDITA 2019 – 2024

Presidente: Daniel Ferreiro, Universidad de Buenos Aires, Argentina.

Vice-Presidente: Claudio Alves, Instituto Tecnológico de Aeronáutica, Brazil.

Secretário-Geral: German Barragan, Universidad Pontificia Bolivariana, Colombia.

Vogais:

Alejandro Di Bernardi, Universidad Nacional de La Plata, Argentina.

Jorge Silva, Universidade da Beira Interior, Portugal.

José Luis, Universidad de Las Palmas de Gran Canaria, Spain.

Oscar Rico, Universidad Autónoma de Querétaro, Mexico.



→ LUMIAR ACADEMIC CAMPUS MAP



- 1 FRONT DESK / RECEPÇÃO**
- 2 AUDITORIUM / AUDITÓRIO**
- 3 PRINT RESEARCH LAB**
- 4 MY CAMPUS**
- 5 BUILDING B / EDIFÍCIO B**
- 6 BUILDING D / EDIFÍCIO D**
- 7 BUILDING H / EDIFÍCIO H**
- 8 EXHIBITORS / EXPOSITORES**



→ CONGRESS PROGRAM

<i>Time</i>	<i>27 June 2024</i>	<i>Place</i>
10.00 H	Registration (Until 17.30 h)	Registration Desk
11.00 – 11.30 H	OPENING CEREMONY	Auditorium
11.30 – 13.00 H	Invited Lectures	Auditorium
13.00 – 14.00 H	Lunch	My Campus
14.00 – 16.00 H	Air Transport and Airports	Auditorium
16.00 – 16.30 H	Coffee Break	My Campus
16.30 – 19.00 H	Air Traffic Management Technological Strategies	Auditorium
20.00 H	Welcome Reception	Salão Nobre da Junta de Freguesia do Lumiar

<i>Time</i>	<i>28 June 2024</i>	<i>Place</i>
8.30 H	Registration (Until 17.30 h)	Registration Desk
9.00 – 10.30 H	Invited Lectures	Auditorium
10.30 – 11.00 H	Coffee Break	My Campus
11.00 – 13.00 H	Airports Operational Strategies	Auditorium
13.00 – 14.00 H	Lunch	My Campus
14.00 – 16.00 H	Air Transport Operational Strategies	Auditorium
16.00 – 16.30 H	Coffee Break	My campus
16.30 – 19.00 H	Planning and Policy Economic Strategies	Auditorium
20.00 H	Congress Dinner	Lagar da Quinta de São Vicente, Telheiras

<i>Time</i>	<i>29 June 2024</i>	<i>Place</i>
8.30 H	Registration (Until 17.30 h)	Registration Desk
9.00 – 10.30 H	Invited Lectures	Auditorium
10.30 – 11.00 H	Coffee Break	My Campus
11.00 – 13.00 H	Decision-making Processes Economic Strategies	Auditorium
13.00 – 14.00 H	Lunch	My Campus
14.00 – 16.00 H	Air Transport Sustainable Development Social and Environmental Strategies	Auditorium
16.00 – 16.30 H	CLOSING CEREMONY	Auditorium
17.00 – 18.00 H	RIDITA General Assembly	Auditorium





PROGRAMME



RIDITA

IX Congress of the
**IBEROAMERICAN AIR TRANSPORT
RESEARCH NETWORK**

IX RIDITA Sessions

June 27, 2024





6/27/2024

10.00 H - RIDITA2024

Registration (Until 17.30 h) - Registration Desk

11.00 – 11.30 H - RIDITA2024

OPENING CEREMONY - Auditorium

Daniel Montero Ferreiro

President of RIDITA

Maria Emilia Baltazar

Chairwoman of IX RIDITA

Maria Cristina Ventura

President of ISEC Lisboa

11.30 – 13.00 H - RIDITA2024

Invited Lectures - Auditorium

Moderator - **Rosário Macário**

Air Transportation Sustainability and Resilience

Mário Spínola - Hi FLY

Air Transportation Sustainability and Resilience

José Neves - AED President

Air Transportation Sustainability and Resilience

João Moutinho - APPLA



13.00 – 14.00 H - RIDITA2024

Lunch - My campus

14.00 – 16.00 H - RIDITA2024

Session-01 Aircrafts and Air Industry - Auditorium

Moderator - **Evandro da Silva**

01.01 Aircraft Selection for Regional Airline Operations: A Strategic Analysis for the Colombian Case

Germán Barragan De Los Rios, German Urrea Quiroga, Maria M. Pineda, Davi Mendoza Yacelga

01.02 Análisis del efecto de posibles regulaciones de las emisiones de la aviación distintas de CO2

Marco Soto Contreras, Javier Cubas Cano, Gustavo Alonso Rodrigo

01.03 Understanding Tourist Behavior and Awareness in Airline Voluntary Carbon Offset Programs: A Portuguese Perspective

Fabiana Peixoto de Mello, Rosario Macario

01.04 LCCs Influence on Aviation Market Growth and Development

Lucia Silva Piedade, João Peixito

01.05 Transporte aéreo pós-crise: Análise da falência de companhias aéreas depois da pandemia Covid-19

Daniel Almeida Araújo, Rui Quadros

01.06 AI for Aviation: Revolutionizing Aviation Knowledge Management and Decision Making through Data Categorization and Forecasting

Danilo Miguel, Luís Santos, Rui Melicio, Flávio Lázaro, Duarte Valério

16.00 – 16.30 H - RIDITA2024

Coffee Break - My campus



16.30 – 19.00 H - RIDITA2024

Session-02 Air Industry - Auditorium

Moderator - Rui Quadros

- 02.01 Desvendando os Aeroportos Regionais do Brasil: Uma Visão Abrangente**
Marcos Araujo Celestino, Viviane Adriano Falcão
- 02.02 Airline Business Models and the Development of a Flight Pass for the 2030 World Cup: A Case Study**
Miguel Ferro, Jorge Silva
- 02.03 Airline choice model for domestic flights: the role of Frequent Flyer Program**
Claudia Muñoz, Juana Jaramillo-Rios, Juan Nieto-Hincapie, Carlos Gonzalez-Calderón
- 02.04 Ciência de dados aplicada à análise de impactos econômicos regionais dos aeroportos brasileiros**
Anderson Ribeiro Correia, Luiz Antonio Tozi, Mauro Zackiewicz, Miguel Carvalho Soares
- 02.05 The role of Advance Airline Ticket Booking on Airline choice Preference by Discrete Choice Analysis**
Andrea Cristina Gomez Quezada, Miguel Gonzalez Arismendi, Mateo Naranjo Ruiz, Claudia Helena Munoz Hoyos

20.00 H - RIDITA2024

Welcome Reception - Salão Nobre da J.F. do Lumiar





PROGRAMME



RIDITA

IX Congress of the
**IBEROAMERICAN AIR TRANSPORT
RESEARCH NETWORK**

IX RIDITA Sessions

June 28, 2024





6/28/2024

8.30 H - RIDITA2024

Registration (Until 17.30 h) - Registration Desk

9.00 – 09.30 H - RIDITA2024

Invited Lectures - Auditorium

Moderator - Maria Emilia Baltazar

Air Transportation Sustainability and Resilience

Ana Cristina R. Vieira da Mata - President of the Board of Directors of ANAC



9.30 – 11.00 H - RIDITA2024

Session-03 - Airports Impacts - Auditorium

Moderator - Luis Santos

03.01 Integrating BIM with IoT and Artificial Intelligence for an advising tool

Angel Paris Loreiro, Antonia Pacios Alvarez, Joaquín Ordieres Meré

03.02 Optimization of the construction quality control management in airfield pavement renovation- Integration in BIM Execution Plan

Antonia Pacios Alvarez, Joaquín Ordieres Meré, Angel Paris Loreiro, Carla Elena Pérez Naranjo

03.03 Gestão da Sustentabilidade Aeroportuária: Impacto da poluição sonora no aeroporto de Cabinda

Josefina Sumbo, Maria E. Baltazar

03.04 Quantification of Bird Strike Risk in Aircraft Landing and Takeoff Operations at Major Airports in Sao Paulo, Sp – Brazil

Azevedo, Bandeira, Correia, Nascimento

03.05 Exploring the Impact of Innovative Technologies at Ponta Delgada Airport

Clara Dias, Jorge Miguel dos Reis Silva

11.00 – 11.30 H - RIDITA2024

Coffee Break - My campus

11.30 – 13.00 H - RIDITA2024

Session-KN - KEYNOTE Speakers - Auditorium

Moderator - Jorge Reis Silva

Air Transportation Sustainability – Almadesign and opportunities within the Portuguese AED ecosystems

Rui Marcelino - Almadesign

AAM Future and Challenges

Inês Furtado - CEIIA

From Photogrammetry to Defence - Ten years in business

Jorge Costa - DD Systems



13.00 – 14.00 H - RIDITA2024

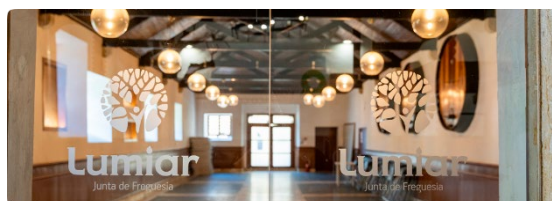
Lunch - My campus

14:30 – 18:00 - RIDITA2024

Tech-V - Technical visit - NetJets Portugal

19.00 H - RIDITA2024

Congress Dinner - O Lagar - Quinta de São Vicente -Telheiras





-PROGRAMME



RIDITA

IX Congress of the
**IBEROAMERICAN AIR TRANSPORT
RESEARCH NETWORK**

IX RIDITA Sessions

June 29, 2024





6/29/2024

8.30 H - RIDITA2024

Registration (Until 12.30 h) - Registration Desk

9.00 – 10.30 H - RIDITA2024

Session-4 - Airports and Airlines - Auditorium

Moderator - José Angel Hernandez Luis

- 04.01 Assessing the Conflict Between Aerodromes and Landfills from a Regulatory Perspective**
Evandro da Silva, Eduardo Moraes Arraut, José Caléia Castro, Nadinne da Silva Fernandes, Claudio Jorge Pinto Alves
- 04.02 Synergy between Cargo and Passenger Transport in Airport Efficiency**
Francisco Gildemir Ferreira da Silva, Viviane Adriano Falcão, Helio da Silva Queiroz Junior
- 04.03 Forecasting Model to Assess the Impact of Extreme Weather Events Interconnection on Aviation**
Antonio Hanig, John Freitas, Michelle Bandeira, Anderson Ribeiro Correia, Ronaldo Costa
- 04.04 Economic Impacts and Operational Efficiency of Brazil's Major Airports: An Input-Output Analysis**
Ivaciane De Quadra Magalhaes, Anderson Ribeiro Correia, Michelle Carvalho Galvão da Silva Pinto Bandeira, Natalia Moreira Xavier
- 04.05 Towards Sustainable Aviation: Assessing Airport's Progress Towards Net Zero Emissions by 2050**
Luis Gabriel, Maria E. Baltazar
- 04.06 O impacto social da operação do eVTOL no funcionamento das cidades**
Edson Aníbal Guedes, Marcelo Xavier Guterres, Anderson Ribeiro Correia

10.30 – 11.00 H - RIDITA2024

Coffee Break - My campus

11.00 – 13.00 H - RIDITA2024

Session-05 - Airports and Sustainability - Auditorium

Moderator - Eurico de Brito

- 05.01 Los Angeles Versus its Airports: Exploring Monthly Noise Comment Reports to Understand Trends and Geography of Noise Complaints**
Luiz Henrique Werneck de Oliveira
- 05.02 Unveiling Airport Potential:: A Simulation-Based Study of Felipe Angeles Airport's Capacity in Mexico City**
Miguel Mota, Alejandro Di Bernardi, Angel Orozco
- 05.03 Transferência Modal de Curta Distância Através da Ferrovia, Aplicada aos Aeroportos Portugueses: Uma Análise dos Impactos Sócio Económicos e Ambientais nos Aeroportos da Rota Lisboa-Porto**
Rafael Almeida, Maria E. Baltazar
- 05.04 Spatial Imprint: An Overview of Latin American Airports**
Renata Cavion
- 05.05 Heuristic Optimization in Runway Orientation Selection Applying Computer Vision**
John Hebert de Freitas, Antonio Carlos Hanig, Michelle Galvão S. P. Bandeira, Anderson Ribeiro Correia, João Paulo Silva Lima
- 05.06 Análisis de la accesibilidad aérea en el Archipiélago de las Azores: propuesta para su corrección**
José Angel Hernandez Luis, Rui Castanho, Gualter Couto, Pedro Pimentel

13:00 – 14.00 H - RIDITA2024

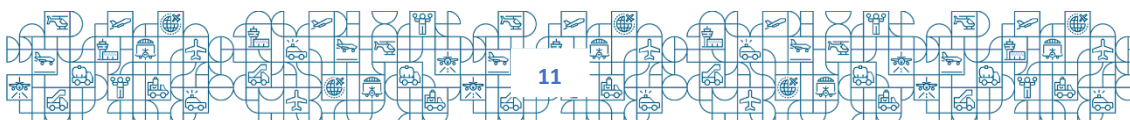
Lunch - My campus

14.00 – 16.00 H - RIDITA2024

Session-06 - Airports and Air Industry - Auditorium

Moderator - German Barragan de Los Rios

- 06.01 Aircraft Pollutants Emissions from LTO Ground Operations**
Renata Cavion, Carolina Ruiz Peña
- 06.02 The Evolution of Airport Sustainability Research: A Bibliometric Analysis**





Sena Kilic, Hatice Küçüköнал

06.03 Proposal of Means of Compliance for Flight Termination System - Medium Risk

Ana Nogueira, Jorge Silva, António Reis

06.04 NLP techniques for event-based identification for Air Traffic Control workload

Javier Alberto Pérez Castán

06.05 Sustentabilidade Aérea: Zero Cabin Waste - Modelo de gestão sustentável para os resíduos de cabine

Catarina Freire Afonso, Maria E. Baltazar

06.06 Flight Anxiety: Sensory-Friendly Initiatives for Travelers with Atypicalities as Part of the Service Level Analysis in Airport Terminals

Moreira, Bandeira, Correia

06.07 Vertiportos, Desafios e Oportunidades do transporte aéreo. Caso de estudo do Vertiporto em Oeiras

Marcelo Conceição, Maria E. Baltazar

16.00 – 16.30 H - RIDITA2024

Coffee Break - My campus

16.30 - 17:00 H - RIDITA2024

CLOSING CEREMONY - Auditorium

Daniel Montero Ferreiro

President of RIDITA

Jorge Reis Silva

Vice-Chairman of IX RIDITA

Maria Cristina Ventura

President of ISEC Lisboa

Rui Marcelino - Almadesign

BEST PAPER AWARD

17.00 – 18.00 H - RIDITA2024

RIDITA General Assembly - Auditorium





→ SUPPORT

Institutional Support

Com o Alto Patrocínio
de Sua Excelência
Under the High Patronage of the
President of the Portuguese Republic



O Presidente da República

Consortium



Supports



→ INFORMATIONS

Internet Access

You can use the computers on the identified rooms or use the WIFI internet access will be free for IX RIDITA 2024 Conference and more information upon registration.

Or

eduroam: use your own codes for connecting.

→ JUST IN CASE

RIDITA 2024	(+351) 275 242 059	EMERGENCIAS	112
TAXI	(+351) 21 759 7084	HOSPITAL	(+351) 21 754 8000
POLICE	(+351) 21 054 5390	FIREFIIGHTERS	(+351) 21 817 0552
JUNTA DE FREGUESIA DO LUMIAR	(+351) 21 817 0552	S.O.S	112

→ SCIENTIFIC JOURNALS



[JAIRM - Special Issue](#)

Journal of Airline and Airport Management is an open access scientific journal. The aim of JAIRM is to publish theoretical and empirical articles aimed to contrast, extend and build scientific knowledge that contributes to advance our understanding of air transport from three perspectives: air transport and globalization, airline management, and airport management.



[RPER - Revista Portuguesa de Estudos Regionais](#)

A Revista é dirigida a académicos e outros profissionais para os quais são relevantes as questões do espaço e do território: economistas, urbanistas, sociólogos, engenheiros, etc. A RPER é uma revista indexada internacionalmente no EconLit (e bases associadas: JEL on CD, e-JEL e Journal of Economic Literature), na Qualis (Brasil), Latindex e na Scopus.

[Transport Problems - INTERNATIONAL SCIENTIFIC JOURNAL](#)



Journal Transport Problems is a peer-reviewed open-access scientific journal, owned by Silesian University of Technology and has more than 10 years of experience. The editorial staff includes mainly employees of the Faculty of Transport. Editorial Board performs the functions of current work related to the publication of the next issues of the journal. The International Programming Council coordinates the long-term editorial policy the journal. The Council consists of leading scientists of the world, who deal with the problems of transport. This Journal is a source of information and research results in the transportation and communications science: transport research, transport technology, transport economics, transport logistics, transport law.

→ SPONSORS

Platinum Sponsors
(≥ 15000 EUR)



ORDEM DOS
ENGENHEIROS
TÉCNICOS

UNIVERSITAS

Cooperativa de Ensino Superior e Investigação Científica, CR

Gold Sponsors
(5 000 EUR)



95
ANOS

Silver Sponsors
(2 500 EUR)

TAP AIRPORTUGAL

Bronze Sponsors
(≤ 1 000 EUR)



Other Sponsors





ISEC Lisboa

CAMPUS DO LUMIAR
ALAMEDA DAS LINHAS DE TORRES, 179
1750-142 LISBOA | PORTUGAL

Tel: +351 217 541 310 - E-mail: ridita2024@gmail.com

<http://www.ridita2024.com>