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FLORENCE
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EXECUTIVE SEMINAR – ROUNDTABLE DEBATES

THE FUTURE OF AIR TRAFFIC MANAGEMENT: WHAT CAN WE LEARN FROM EACH OTHER?

Scientific Organiser: Prof. **Matthias Finger** | Transport Area of the Florence School of Regulation (FSR-Transport), Robert Schuman Centre for Advanced Studies, European University Institute

World ATM Congress, Aireon Spotlight Stage
Feria de Madrid, 28042 Madrid - Spain

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■ **CONTEXT**

Modern communication and data services technologies are potentially revolutionizing Air Traffic Management (ATM). This however requires new thinking from all involved actors.

Airplane manufactures and providers of data play a crucial role in this regard: the technology to perform air traffic control from airborne computers, allowing for a new system of air navigation, already exists. Yet, its deployment would require a new approach to ATM infrastructure management and governance.

Manufacturers, together with the ATM Industry need to develop a vision of what is technically feasible as well as what the corresponding legal and operational requirements are. International, regional and national Authorities need to work together to develop global standards, harmonized regulation and shared protocols.

Programs to support such technological development exist in the EU with the Single European Sky and SESAR, as well as in the US with the NextGen Programs. Other regions – South East Asia, ANZ, Middle East and Africa are also experimenting with new ways to integrate ATM. But, while technological progress in this sector inevitably happens on a global scale, institutions remain national or regional at best, potentially creating multiple systems and conflicting regulation.

The Florence School of Regulation's Executive Seminar will take advantage of the World ATM Congress to assess and compare the different current new regional ATM initiatives around the world and bring together different stakeholders from industry, regulators and manufacturers.



**World ATM
Congress 2016**

Operated by CANSO in association with ATCA



ÉCOLE POLYTECHNIQUE
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■ PROGRAMME

- 14.20-14.30 Introduction
Matthias Finger
- 14.30-15.15 **Roundtable 1:**
The Industry view: How should air traffic be managed in the future and what are the prerequisites to make it happen?
- Maurizio Castelletti** | European Commission
- Neil Planzer** | Boeing
- Luc Lallouette** | Thales
- Daniel Weder** | Skyguide
- 15.15-16.00 **Roundtable 2:**
The ATM view: what are the experiences and how can we address the challenges?
- Frank Brenner** | Eurocontrol
- Elizabeth Ray** | FAA
- Thabani Mthiyane** | Air Traffic & Navigation Services South Africa
- Ed Sims** | Airways New Zealand
- 16.00-17.00 **Final Round-table with all presenters**
Moderator **Matthias Finger**