



ATCOSIMA Project

Integrated ATC Radar-Flight Deck
Simulations for the Assessment
of ATCo Trainees

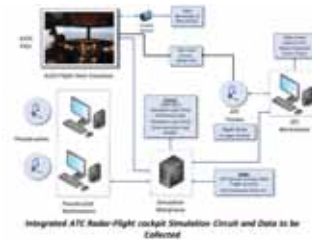


Project Overview:

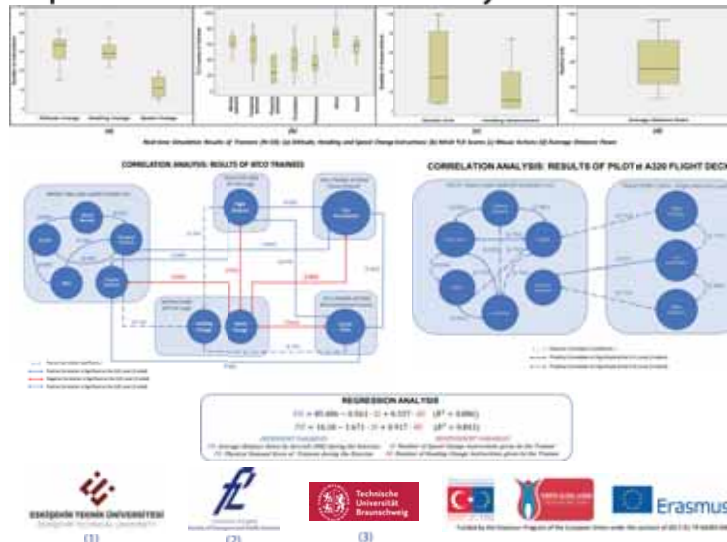
- ✓ The main objective of ATCOSIMA is to develop common assessment criteria for radar simulation training courses within the ATCo basic training to improve trainees' competencies regarding working effectively and in harmony within the Pan-European ATM system according to the SESAR's future targets.
- ✓ It proposes an innovative approach to measure the performance of ATCo trainees in radar approach control simulation courses based on integrated ATC Radar-Flight Deck Simulations.

Real-Time Simulations and Data Collection:

- ✓ 10 ATCo trainees (5 from ESTU and 5 from ZFOT) participated in the integrated ATC Radar-Flight Deck Simulations at TUBS to run a selected exercise (EXE009) including 9 arrivals and 4 departures.
- ✓ The exercise requires advanced decision-making skills regarding the timely use of vectoring, airspeed adjustment and flight level change instructions for conflict detection and resolution, and approach sequencing.



Experimental Results and Analysis:



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