



CURRICULUM VITAE

Personal information

Name/Surname

OLIVOTTO Constantin

Address

[REDACTED]

Email olivotto.constantin@incas.ro

Nationality Romana

Date of birth

[REDACTED]

Sex

male

Married -

a daughter

University teaching experience

1. 1998- 2014 Associate Professor at the Department of Aeronautical Systems Engineering "Nicolae Tîpău" of the "Politehnica" University of Bucharest, Faculty of Aerospace Engineering, Holder of the Flight Simulators Course.
2. 2014-currently Associate Professor at the Department of Integrated Aviation and Mechanical Systems at the MILITARY TECHNICAL ACADEMY "FERDINAND I", Master Courses – Aeronautical Systems Engineering. Course Holder for ADVANCED ELEMENTS OF FLIGHT DYNAMICS, STABILITY AND AIRCRAFT CONTROL and FLIGHT SIMULATORS
3. **Teaching materials developed in time**
 - COURSE NOTES FOR ADVANCED ELEMENTS OF FLIGHT DYNAMICS, STABILITY AND AIRCRAFT CONTROL -e-book
 - COURSE NOTES – SIMULATORS-e-book

PhD students ' management -UPB- Faculty of aerospace engineering – 3 PhD students, 1 completed

Tutor for master in avionics at UPB- Faculty of aerospace engineering – 20 students

4. Experience in scientific research

- **Position held from 2011 and currently**
- Activities and responsibilities Senior Scientific Researcher first degree at INCAS,
Senior Scientific Adviser
Leading and Participation in avionics projects, and project for simulation systems and pilot training.
- Name and address of the employer INCAS, Iuliu Maniu, 220, Bucharest, Romania
- **Position held from 1992-2011 -**
- Activities and Responsibilities General Manager of SIMULTEC S.A.-the most important flight simulators developer in Romania
Management of internal and international projects of avionics and training systems.
(Around 10 complete flight simulators delivered)
- Name and address of the employer SIMULTEC S.A., Măgurele, near Bucharest, Romania
- **Position held between 1989-1992 -**
- Activities and responsibilities Scientific Director of the Simulator Center - affiliate to the Institute for Aviation Bucharest,
Senior Scientific Researcher first degree
Management of internal projects of avionics and development of military flight simulators for airplanes and helicopters.
- Name and address of the employer Aviation Institute, Iuliu Maniu, 220, Bucharest, Romania
- **Position held between 1987-1989 -**
- Activities and responsibilities Head of Simulators Department and Program Director for the first Airplane Simulator in Romania.
Program Director at 3 types of flight simulators
- Name and address of the employer Institute for Aviation, Magurele Platform, Bucharest, Romania
- **Position held between 1982- 1987**
- Activities and Responsibilities Head of Laboratory for Simulators and Head of The Prototype Execution Department,
Scientific Researcher 3,
Coordinating and Directing projects of avionics and simulators.
- Name and address of the employer INCREST, Iuliu Maniu, 220, Bucharest, Romania
- **Position hold between 1972- 1982**
- Scientific Researcher

Activities and responsibilities Team leader for aerodynamic measurements, and experiments in subsonic wind-tunnel

Name and address of the employer INCREST, Iuliu Maniu, 220, Bucharest, Romania

Position hold between 1970- 1972

Activities and responsibilities

Name and address of the employer

Engineer
Research assistant,
IMFCA, Iuliu Maniu, 220, Bucharest,
Romania

5. Education and training

-1994, New methods in marketing and management, Course organized by the University of Hertfordshire and held in Bucharest.

-1993, Two internships in Paris, France at S.A.E. company for training aviation personnel, Courses for the management of large-scale projects, economic management of new projects and / or companies.

-1993 Internship in England, Course and practice of simulator management, subsidized by the British Government, know-how fund, for Central and Eastern Europe.

-1979-1972, PhD – Title obtained at the Polytechnic University of Bucharest in Aerodynamics and Coanda Effect
- General Scientific Coordinator (r) Professor Dr. Ing. Florin ZAGANESCU.

-1965-1970, Bachelor and Master's degree at the Politehnica University of Bucharest, Faculty of Automatic Control, diploma project marked with excellent and with recommendation for scientific research.

1961-1965 High school at Saint Sava College - Bucharest

6. R&D Project Experience

Experience in Romania

- Management of 4 projects with international collaboration,
- 15 years in management of simulators projects for various types of aircrafts ,
- 5 training systems for pilots developed and installed in 8 years
- 120 studies, project, and scientific papers

International experience

- project manager for an UNDP project

--program director for Romania in a COPERNICUS -IMPETUS project initiated by the European Community regarding the simulation of navigation on the Danube in monitoring conditions - the study of the links and fluidity of the passage at regional level (countries involved in the project: Belgium, Greece, Romania, Czech Republic, Bulgaria)

7. Competences and major area of interests

- MODELLING AND SIMULATION
- * First Romanian Simulator for Air plane
- * First Romanian flight simulator with motion system and electronically generated image (Head of Project)

- * Energy conversion modeling
 - * Evaluation of training methods according to human resources
 - * Implementation of theoretical models into real life situations
 - * Complex systems modeling and analysis.
- ANEMOMETRY- CONTROL SYSTEMS,
 - INSTRUMENTATION AND MEASUREMENTS FOR WIND-TUNNELL
 - AERODYNAMICS AND FLUID MECHANICS

Patent obtained

Patent nr. 56515 / 01.11.1972 obtained in Romania.

"Transistorized Hot-Wire Anemometer for industrial measurements" - authors: Olivotto Constantin, Filip Ovidiu.

8. MOTHER TONGUE [Romanian]

OTHER LANGUAGES

English

- Reading skills [excellent,]
- Writing skills [excellent,]
- Verbal skills [excellent]

French

- Reading skills [excellent,]
- Writing skills [good,]
- Verbal skills [excellent]

Italian

- Reading skills [excellent,]
- Writing skills [good,]
- Verbal skills [excellent]

9. Significant published works

1. " Simulators and Training Systems Somewhere in East - Realities, Demands and the Future". -20 pages. - author dr.C.Olivotto- 3 rd. - International Training Equipment Conference and Exhibition Proceedings - Luxemburg - April - 7 -11 - 1992.

2. "Simulatoarele in etapa actuala-Trecerea de la antrenament la metode de antrenare"-10 pag-autor :dr.ing.C.Olivotto, AMSE-Filiala Romania –Bucuresti ,10-11 noiembrie 1993.

3. "A Simple Solution for Monitoring and Simulation in Environmental Protection in Chemical Plant"-ITEC- Proceedings -35 pag -author :dr.ing.C.Olivotto,La Hague -Netherlands, April, 1994.

4. "Sisteme de antrenament pentru Aviatie si Aparare Antiaeriana,-18 pag.-autori:dr.ing.C.Olivotto,ing.Adrian Iacob,ing.Cristian Botea -Sesiunea de comunicari tehnico-stiintifice a Statului Major al Aviatiei si Apararii Antiaeriene-Bucuresti-4.11.1994

5. "The Training Equipment in a Pilot-School Modernisation-Flight Simulation, Technologies, Capabilities and Benefits-30 pag - author: Dr. Constantin Olivotto, 17-18 may Conference-London Royal Aeronautical Society-1995.

6. "Monitoring system for over temperature detection of water cooled rotor pales on hydro-electrical generators installed at the Danube River IRON-GATE Power station"authors: Dan Varduca ,Constantin Olivotto ,Horia Selegean,-IECEC-97, Wasinhon, SUA.

7. "FDR data as a source for flying events visualisation and aircraft parameter estimation"-authors: Cornel OPRISIU, Nicolae APOSTOLESCU, Constantin OLIVOTTO, Simion TATARU, INCAS BULLETIN, VOLUME 4 , ISSUE 3 , July – September 2012, BUCHAREST , Romania

8. " IAR-XT/New Generation" authors: Simion TATARU, Constantin OLIVOTTO, Vasile STEFAN, INCAS BULLETIN, VOLUME 4 , ISSUE 1, January – March 2012, BUCHAREST , Romania

9. "CERTIFICATION - The final and critical stage of every civil or military aviation program"
Constantin OLIVOTTO, Simion TATARU, Vasile STEFAN, INCAS BULLETIN, VOLUME 3 , ISSUE 2, January – March 2012, BUCHAREST , Romania

10. Fluidic elements based on the Coanda effect, C Olivotto - Incas Bulletin, 2010,

11. Permanent and priority in aeronautical research Romanian- C Olivotto - NOEMA, 2019 - ceeol.com

12. MILITARY TRAINING AIRCRAFT BINOMIAL - PRESENT AND FUTURE SIMULATOR, communication by Constantin OLIVOTTO, CCIZ Conference - workshop on research and testing topics for aviation equipment, organized by the Scientific Research Center for Flight Tests, on the occasion of the 40th anniversary of its establishment.