



Europass Curriculum Vitae



Personal information

First name / Surname

Massimiliano Lanz

Address(es)

Via La Masa 34, 20156 Milan, Italy

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massimiliano.lanz@polimi.it

Nationality

Italian

Date of birth

03-05-1950

Work experience

Dates

2006-2012

Occupation or position held

Head of Department

Main activities and responsibilities

Organisation, co-ordination and supervision on the whole activity of the Department in relation to all the other academic institutions and to its collaboration with external companies

Name and address of employer

Politecnico di Milano, Dipartimento di Ingegneria Aerospaziale, Via La Masa 34, 20156 Milan, Italy

Type of business or sector

University

Dates

1996-2005

Occupation or position held

President of the Council for Study Courses

Main activities and responsibilities

Name and address of employer

Politecnico di Milano, Dipartimento di Ingegneria Aerospaziale, Via La Masa 34, 20156 Milan, Italy

Type of business or sector

University

Dates

2000

Occupation or position held

Full Professor of Aeronautical Engineering

Main activities and responsibilities

Teacher of aeronautical engineering, and helicopter projects

Name and address of employer

Politecnico di Milano, Dipartimento di Ingegneria Aerospaziale, Via La Masa 34, 20156 Milan, Italy

Type of business or sector

University

Dates

1987

Occupation or position held

Associate Professor at the Aeronautical Engineering Department

Main activities and responsibilities

Teacher of aeronautical engineering, and helicopter projects

Name and address of employer

Politecnico di Milano, Aeronautical Engineering Department, Via Golgi 10, Milan, Italy

Type of business or sector

University

Dates

1980

Occupation or position held

Researcher at the Aeronautical Engineering Department

Main activities and responsibilities

Name and address of employer

Politecnico di Milano, Aeronautical Engineering Department, Via Golgi 10, Milan, Italy

Type of business or sector

University

Education and training

Dates 1974
Title of qualification awarded Degree in Aeronautical Engineering
Principal subjects/occupational skills covered -----
Name and type of organisation providing education and training Politecnico di Milano

Personal skills and competences

Mother tongue(s) Specify mother tongue: Italian

Other language(s)

Self-assessment






European level (*)

English

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
B2	C1	B2	B2	C1	

(*) [Common European Framework of Reference for Languages](#)

Selected Publications

1. Droandi G., Gibertini G., Lanz M., Campanardi G., Grassi D., Garbaccio S.
Wing-rotor Interactions on a 1/4 scale Tiltrotor Half-model, 39th European Rotorcraft Forum, Moscow, 3-6 Sept 2013, p. 1-8
2. Fossati F., Muggiasca S., Lanz M., Campanardi G.
A Thousand and One Sails for University: the Politecnico di Milano Experience, 4th International Symposium on design and Production of Motor and Sail Yachts (MDY'10), Madrid, Spain, 6-7 May 2010, p. 1-30 
3. Bianchi E., Russo A., Kießling F., Ferrer R., Dieterich O., Frosoni M., Bakker R., Riziotis V., Petot D., Lanz M.
Numerical Whirl-Flutter Investigation of the European Tiltrotor Concept: Current Status and Future Prospects, 30th European Rotorcraft Forum, Marseilles, France, 14-16 Sept. 2004, p. 1-8  [Scopus]
4. Masarati P., Quaranta G., Lanz M., Mantegazza P.
Dynamic Characterization and Stability of a Large Size Multibody Tiltrotor Model by POD Analysis, 19th Biennial Conference on Mechanical Vibration and Noise (VIB). Asme Design Engineering Technical Conferences and Computers and Information in Engineering Conference, Chicago, IL, USA, 2-6 Sept. 2003, p. 1-10  [Scopus]
5. Bindolino G., Ghiringhelli G.L., Masarati P., Lanz M., Mantegazza P.
Multibody Multidisciplinary Rotorcraft Analysis: an Overview, Computational Fluid and Solid Mechanics, K.J. Bathe (Ed.), Elsevier Science, Oxford, 2001, ISBN: 0080439446, p. 1084-1087
6. Masarati P., Ghiringhelli G.L., Lanz M., Mantegazza P.
Experiences of Multibody Multidisciplinary Rotorcraft Analysis, XVI Congresso Nazionale AIDAA, Palermo, Italia, 24-28 Set. 2001, p. 1-10 
7. Masarati P., Lanz M., Mantegazza P.
Multistep Integration of Ordinary, Stiff and Differential-Algebraic Problems for Multibody Dynamics Applications, XVI Congresso Nazionale AIDAA, Palermo, Italia, 24-28 Set. 2001, p. 1-10 
8. Masarati P., Ghiringhelli G.L., Lanz M., Mantegazza P.
Integration of Hydraulic Components in a Multibody Framework for Rotorcraft Analysis, 26th European Rotorcraft Forum, The Hague, NL, 26-29 Sept. 2000, p. 1-10
9. Quaranta G., Masarati P., Lanz M., Ghiringhelli G.L., Mantegazza P., Nixon M.W.
Dynamic Stability of Soft-In-plane Tiltrotors by Parallel Multibody Analysis, 26th European Rotorcraft Forum, The Hague, NL, 26-29 Sept. 2000, p. 1-9

Technical skills and competences	Analysis and Modelling of Aeronautical and Space Structures Dynamic of Helicopter Rotors Multidisciplinary Optimization Active Control of Vibration
Organisational skills and competences	Coordination of the whole Department, organization and supervision of relationship with all the external collaborators for national and international projects and contracts
Computer skills and competences	
Driving licence	B
Additional information	
Annexes	