



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Prof. Franco Evangelista

Curriculum scientifico

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Personal information

First name / Surname	Franco Evangelista
Address	Via Salaria Antica Est, 33/C67100 L'Aquila Italy
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E-mail	franco.evangelista@univaq.it
Nationality	Italian
Date of birth	05-12-1951
Gender	Male

Work experience

Dates	1992 - 2018
Occupation or position held	Associate Professor
Main activities and responsibilities	Lectures and Examinations of "Dynamic and Control of Chemical Processes"
Name and address of employer	Università degli Studi Dell'Aquila, Piazza Vincenzo Rivera 1, 67100 L'Aquila
Type of business or sector	Education
Dates	1979 - 1992
Occupation or position held	Lecturer
Main activities and responsibilities	Lectures and Examinations of "Special Chemical Technologies"
Name and address of employer	Università degli Studi Dell'Aquila, Piazza Vincenzo Rivera 1, 67100 L'Aquila
Type of business or sector	Education
Dates	1980 - 1992
Occupation or position held	Researcher in "Analysis of Chemical Processes"
Main activities and responsibilities	Design, Development, Simulation and Evaluation of Laboratory and Pilot Plants
Name and address of employer	Università degli Studi Dell'Aquila, Piazza Vincenzo Rivera 1, 67100 L'Aquila
Type of business or sector	Education
Dates	1977 - 1979
Occupation or position held	Scholarship Holder
Main activities and responsibilities	Design, Development, Simulation and Evaluation of Laboratory Apparatus
Name and address of employer	Università degli Studi Dell'Aquila, Piazza Vincenzo Rivera 1, 67100 L'Aquila
Type of business or sector	Education

Education and training

Dates	1970 ? 1976
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Title of qualification awarded Laurea in Chemical Engineering
 Principal subjects/occupational skills covered Design, Experiments and Simulation of a Softening Process of Sea-Water by

Name and type of organisation providing education and training Università degli Studi Dell'Aquila, Piazza Vincenzo Rivera 1, 67100 L'Aquila

Personal skills and competences

Mother tongue	Italian					
Other languages						
Self-assessment	Understanding		Reading		Speaking	
European level (*)	Listening				Spoken interaction	
English	B2	Independent User	C1	Proficient User	C1	Proficient
French	A2	Basic User	B1	Independent User	A1	Basic

(*) Common European Framework of Reference for Languages

Social skills and competences Enough ability of working in team and good level of ability in one man projects inland and abroad.

Organisational skills and competences Good ability in work organisation of academic research groups, students projects

Technical skills and competences Good technical skills in the field of chemical process design and development of academic duties.

Computer skills and competences Good ability in computer programs gained in the development of numerical and common office automation programs such as Word, Excel, Power Point, Express Bases Search ability.

Additional information

I carried out relevant investigations in the field of Design, Development and Processes starting with basic principles through block diagrams up to detailed Design Methods as several evaluations of national academic committees have

Topics

The main subjects studied have been the desalination of sea-water, distillation membrane processes, dynamic and control and optimisation.

The results obtained are being illustrated in didactic duties, seminars and con

Publications

I published, as author and co-author, nearly fifty scientific works on the above international relevance, some of them with high impact factors. They have been studies by others, helpful hints and constructive criticism as many citations s

Conferences

I participated to a relevant number of national and international congresses, schools as speaker, other congresses and short intensive courses as participant and I organized a seminar on the application purification.

Other Institutions

I spent several instructive periods in other Institutions in United States, United

Reviewer

I carry out reviews of papers for Journal of Membrane Science, Desalination

Associations

I am member of several cultural and professional associations such as The Italian Chemical Engineering (AIDIC), The Italian Society of Biomaterials (SIB), The Membrane Science and Technology (ESMST), The Academic Research Group (GRICU).

Few Publications

D. Barba, G. Di Giacomo, F. Evangelista, G. Tagliaferri

High Temperature Distillation Process with Sea-Water Feed Decalcification

Desalination 40 (1982) 347-355. V. Brandani, F. Evangelista The UNIQUAC

Theory: Vapor-Liquid Equilibria of Binary Systems Containing One Associating

Active Component Fluid Phase Equilibria 17 (1984) 281-302. F. Evangelista

Design of Reverse Osmosis Desalination Plants Ind. Eng. Chem. Process Des.

Evangelista Improved Graphical-Analytical Method for the Design of Reverse

Chem. Process Des. Dev. 25 (1986) 366-375. F. Evangelista, G. Jonsson Optimal

Performance of Spiral Wound Modules I: Numerical Method Chem. Eng. Commun.

Evangelista, G. Jonsson Optimal Design and Performance of Spiral Wound Modules

Method Chem. Eng. Commun. 72 (1988) 83-94. D. Barba, F. Evangelista, G. Di

Analytical Method to Design an Electrodialysis Stack Operated at High Concentrations

(1989) 137-149. D. Barba, F. Evangelista, Z. He Theoretical and Experimental

and Polarization Phenomena in Sugar Solutions in Spiral-Wound Modules Chem. Eng. Commun.

13-19. D. Barba, F. Evangelista, H. Wang, D. Spera The effects of osmotic

the concentration process of BSA solutions by ultrafiltration Desalination 110

Evangelista Dynamics of Shell and Tube Heat Exchangers: New Insight and Time Domain

World Congress of Chemical Engineering, Glasgow, July 2005. F. Evangelista

Double Pipe Heat Exchangers: Explicit Time Domain Solutions ICheAP-8, 2005, 271-278.

F. Evangelista Dynamics of

Steam Heated Shell and Tube Heat Exchangers: New Insight and Time Domain

Chem. Eng. Trans. 17 (2009) 1215 - 1220. F. Evangelista, P. A. Evangelista

Shell and Tube Heat Exchangers: Non-Linear Model Derivation, Solution and

64° Congresso Nazionale ATI, 2009, Art. N° ATI09-12.06. F. Evangelista

stirred, steam heated gravity tank: Non-Linear model derivation, solution and

CHISA2010&ECCE-7, Praha, 28th August - 1st September 2010, Art. N° P

Processo di Elettrodialisi Discontinuo con Ricircolo: Modello Dinamico e su

NAZIONALE GRICU 2012, p. 105-108. F. Evangelista Modello Dinamico

Orizzontale con Gas Incondensabili, CONVEGNO NAZIONALE GRICU 2012