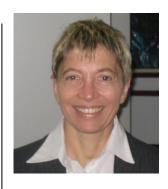
CURRICULUM VITAE





PERSONAL INFORMATION

NAME/SURNAME

ADDRESS

Phone

Fax

E-mail

Nationality

Date of Birth

Gender

Maria Grazia Albanesi

Italian

13-03-1962

F

WORK EXPERIENCE

• Dates (from - to)

- · Name ad address of the employer
 - Type of business or sector
 - · Occupation or position held
- · Main activities and responsibilities

March 1, 2024- until today

After concluding her professional activity at the University of Pavia and retiring, Maria Grazia Albanesi currently dedicates herself to writing articles and books, as well as to scientific outreach through interventions on two main strands: (a) environmental and social sustainability, stemming from her previous academic work; and (b) enhancing individual well-being and quality of life, based on her personal experiences in various fields of interest cultivated such as sports, music, and gardening. She is part of the Editorial Board of the thematic portal scuola-e-cultura.it.

• Dates (from - to)

- Name ad address of the employer
 - Type of business or sector
 - · Occupation or position held
- Main activities and responsibilities

NOVEMBER 1, 1998-February 29, 2024

University of Pavia

University Education and Research

Associate Professor

Teaching activity: Professor of institutional courses at the Faculties of Engineering and Economics of the University of Pavia. In the last academic year, Professor of the Digital Content Retrieval course (12 credits) for the master's degree in Computer Engineering (international degree).

Research activity: in the IT sector, research in the field of image processing, mainly with multiresolution and pattern recognition techniques. The research is aimed at developing efficient algorithms, techniques and solutions for the analysis of visual data, the representation of information and the creation of knowledge bases. The main applications are in the field of quality assessment and similarity between digital images and, more recently (since 2014), in that of environmental computational sustainability (in collaboration with researchers in Life Sciences, with a multidisciplinary approach). Dates (from - to) 1992-1997

Name ad address of the employer
 University of Pavia

Type of business or sector
 Occupation or position held
 Research
 Full Researcher

Main activities and responsibilities
 Educational activity as substitute in charge of institutional courses

Research activities in the field of processing, analysis and compression of digital images.

• Dates (from - to) 1988-1989

Name ad address of the employer
 University of Pavia

Type of business or sector
 Occupation or position held
 Research
 Research Fellow

• Main activities and responsibilities
Educational activity as a support trainer for institutional courses, research activities in the field of

image processing (development of algorithms and mapping on dedicated architectures)

• Dates (from - to) 1986-1987

• Name ad address of the employer ST Microelectronics (former SGS), In (Agrate Brianza (Milan, Italy).

Type of business or sector
 Occupation or position held
 Microelectronic Company
 Research and Development

Main activities and responsibilities
 Mapping of architectures to silicon using Silicon Compiler.

• Dates (from - to) 19

• Type of business or sector

Occupation or position held

Main activities and responsibilities

1986

Consorzio Interuniversitario Lombardo – Calcolo ad alte prestazioni, tecnologia dell'informazione e della comunicazione

Programmer / Analyst

Software analysis and user support.

EDUCATION AND TRAINING

• Dates (from - to)

 Name and type of organisation providing education and training

Principal subjects/occupational skills covered

Title of qualification awarded

Level in national or international classification (if relevant)

1989-1992

University of Pavia

Image processing and compression, digital image quality assessment.

Dottorato di ricerca in Ingegneria Elettrica, Elettronica e Informatica International qualification: Ph. D.

• Dates (from - to)

• Name and type of organisation providing education and training

• Title of qualification awarded

1981-1986

University of Pavia, Faculty of Engineering

Master's Degree in Computer Science

• Dates (from - to)

1973- 1985

 Name and type of organisation providing education and training

• Title of qualification awarded

Franco Vittadini Music Institute (Pavia) and Giuseppe Verdi Conservatory (Milan)

Musical Theory and Solfeggio, Main Piano, Complementary Harmony

PERSONAL SKILLS AND **COMPETENCES**

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

FIRST LANGUAGES

ITALIAN

OTHER LANGUAGES

ENGLISH

· Reading Skill

EXCELLENT EXCELLENT

Writing Skill

VERY GOOD

Oral Expression Skill

SOCIAL SKILLS

AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

TECHNOLOGICAL TRANSFER GROUP COORDINATION BETWEEN THE DEPARTMENT OF INDUSTRIAL AND INFORMATION ENGINEERING AND ITALIAN COMPANIES IN THE DIGITAL MEDIA SECTOR. CHORAL ARTISTIC ACTIVITY

I WORK IN A RESEARCH TEAM AT NATIONAL AND INTERNATIONAL LEVEL

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc

COORDINATION OF INSTITUTIONAL AND MASTER COURSES AT THE UNIVERSITY OF PAVIA AND INTERNATIONAL COMPANIES; RESEARCH PROJECTS COORDINATION; WEBSITE MANAGEMENT, SOCIAL MEDIA DIRECTOR;

ORGANIZATION OF INTERNATIONAL CONFERENCES, WORKSHOPS AND SEMINARS.

HEAD OF THE MULTIDISCIPLINARY RESEARCH UNIT "COMPUTATIONA SUSTAINABILITY UNIT", FOUNDED AT THE UNIVERSITY OF PAVIA IN 2014.

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc. C AND MATLAB PROGRAMMING, WEBSITE DESIGN AND MANAGEMENT, SOCIAL NETWORK DESIGN AND MANAGEMENT. TRANSLATION OF BOOKS FROM ENGLISH. FUNDAMENTALS OF PROJECT MANAGEMENT.

ARTISTIC SKILLS AND COMPETENCES

Music, writing, design, etc.

MAIN PIANO, SONG (SOPRANO REGISTER).

WRITING OF BOOKS (TECHNICAL AND DIVULGATIVE), OF ARTICLES FOR THE WEB, OF ENCYCLOPEDIA ITEMS, COMPOSITION OF MUSIC FOR PIANO.

OTHER SKILLS AND COMPETENCES

Competences not mentioned above.

GARDENING (PROJECT OF GARDENS AND GREEN SPACES). SPORTS (AGONISTIC LEVEL): ATHLETICS (UNTIL 2016) AND CHESS (PARTICIPATION IN

INTERNATIONAL FIDE TOURNAMENTS).

SPORTS PRACTICED AT AMATEUR LEVEL: RUNNING (SINCE 2017), SWIMMING.

DRIVING LICENCE(S)

Patent B

ADDITIONAL INFORMATION

ANNEXES