

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name **ARCIERI FRANCO**
Address
E-mail franco.arciери@unicamillus.org
Nationality Italiana
Date of Birth
Gender Maschio

TEACHING ACTIVITIES

University professor at the University of Rome "Tor Vergata"
-2009-2023: Professor of Cooperative Distributed Systems
-2009-2022: Security Theory Assistant
-2003-2009: Professor of Information Systems Security
.2008-2009: Professor of Languages and translators (first level degree course)
-2003-2004: Professor of Information Processing Systems
- 2003-2004: Professor of Networked Information Systems / Architecture of distributed systems
-2019-2021: INUIT Foundation- Coordinator of the masters "GDPR in the community system", "Criminology", "Fintech and Blockchain", "Big Data Analysis & Business Intelligence"
-2017-2020: INUIT Foundation - Lecturer on Blockchain topics in the master in NEW TECHNOLOGIES OF FINANCIAL SERVICES
-2017-2020: INUIT Foundation - Head and teacher of the master in DIGITAL IDENTITY MANAGEMENT
- 2001-2002: University of Rome "Tor Vergata and INFN - Director of the Master in Network Security

WORK EXPERIENCE

- Dates (from - to) **2022**
- Name and address of the employer Blockchain and Cryptocurrency Conference (B2C' 2022)
- Type of business or sector Research conferences
- Occupation or position held International Programme Committee Member

- Dates (from - to) **2015-2023**
- Name and address of the employer Open Identity Summit 2023
- Type of business or sector Research conferences
- Occupation or position held Programme Committee Member

- Dates (from - to) **2019-2021**
- Name and address of the employer Fondazione Universitaria INUIT – Tor Vergata
- Type of business or sector University foundation for the research and development of innovative solutions
- Occupation or position held R&D responsible
- Main activities and responsibilities Preparation and management of research and development projects, preparation of university masters

- Dates (from - to) **2016-2019**
- Name and address of the employer Università degli Studi di Roma "Tor Vergata"
- Type of business or sector Il Università di Roma
- Occupation or position held EP

- Main activities and responsibilities
 - Dates (from - to)
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Technology transfer related to the student's electronic booklet project

2000-2015

NESTOR – Consorzio di ricerca presso L'Università di "Tor Vergata"

Research and industrial projects, security systems and access control on the internet, national projects of the Public Administrations.

R&D responsible

Preparation and management of research and development projects, consultant of the Ministry of the Interior for the projects of the Electronic Identity Card, the National Index of Registers, the Civil Status Archives, Inspector of the projects of the Ministry of the Interior.

Member of the permanent technical committee of the Electronic Identity Card project.

Evaluator of e-government projects launched by the Ministry of the Interior with Italian municipalities. Writer of the guidelines and methodology for the preparation of the municipal safety plan, technical annex to the Decree of 2 August 2005: municipal safety plans.

2002-2006

Ministry of Agricultural and Forestry Policies

Ministry of Agricultural and Forestry Policies

Member, by decree of the Minister for Agricultural and Forestry Policies, of the Nucleus for information and statistical systems in agriculture

Member of the Working Group for the planning of e-government activities in the three-year period 2003/2005.

Ex-ante assessment of the technological and economic feasibility of the Ministry's IT projects
Planning of the e-government activities of MIPAF in the three-year period 2003/2005.

2005

Regione Lazio

Regione Lazio

Member of the Commission of the Lazio region for the selection of regional projects for the implementation of e-government

selection of regional projects for the implementation of e-government

2002-2005

Ministero per l'Innovazione e le Tecnologie

Ministero per l'Innovazione e le Tecnologie

Member, by decree of the Minister for Innovation and Technologies, of the Commission for the selection of projects for the implementation of e-government, presented by the Regions, Provinces, Municipalities and Mountain Communities (900 billion old Italian lire).

Selection of projects for the implementation of e-government, submitted by the Regions, Provinces, Municipalities and Mountain Communities (900 billion old Italian lire).

2000-2005

Unione Nazionale Comuni Comunità Enti Montani - UNCEM

Unione Nazionale Comuni Comunità Enti Montani - UNCEM

National representative for e-government

Planning, training, participation in conferences for UNCEM e-government activities

1999-2000

Ministero delle Politiche Agricole e Forestali

Ministero delle Politiche Agricole e Forestali

Consultant, nominated by the Minister, for the unified information systems of the Ministry of Agriculture and Forestry for the networks for interconnection to the Unitary Network Regions P.A.C and Ministry

Consultancy activities

1996-2000

Autorità per l'Informatica nella Pubblica Amministrazione

Autorità per l'Informatica nella Pubblica Amministrazione

Consultant

- Main activities and responsibilities
 - Dates (from - to) **1998-2000**
- Name and address of the employer **Ministero delle Finanze**
 - Type of business or sector **Ministero delle Finanze**
 - Occupation or position held **Monitor**
- Main activities and responsibilities **Monitor of the project of the Ministry of Finance for the acquisition of alphanumeric, raster and vector information relating to 25,000,000 Italian UIUs (real estate units) (approximately 90 billion old Italian lire);**

- Dates (from - to) **1996-1998**
- Name and address of the employer **SOGEI**
 - Type of business or sector **SOGEI**
 - Occupation or position held **Specialistic consultant**
- Main activities and responsibilities **Specialist consultant of SOGEI (concessionaire of IT activities of the Ministry of Finance) for the selection of the new cartographic system for the Department of the Territory, for the definition of the security and certification criteria for the management of data exchange activities in a heterogeneous environment and for the transfer and adaptation of the specifications of two major projects of the Public Administration to the technical-organizational models of SOGEI.**

- Dates (from - to) **1984-**
- Main activities and responsibilities **Consultant, IT designer, evaluator of European Union Esprit projects, participation in CNR projects, Project Leader of European Union funded research and development projects, R&D director of Italian SMEs**

EDUCATION AND TRAINING

• Dates (from - to)	2018
• Name and type of organisation providing education and training	CHFI
• Title of qualification awarded	Computer Hacking Forensic Investigator
• Dates (from - to)	1982
• Name and type of organisation providing education and training	Università degli Studi di Roma "La Sapienza"
• Title of qualification awarded	Electronic engineer
• Dates (from - to)	1983
• Name and type of organisation providing education and training	Università degli Studi di Roma "La Sapienza"
• Title of qualification awarded	Officially qualified to practice as an engineer

PERSONAL SKILLS AND COMPETENCES

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

MADRELINGUA **ITALIANO**

ALTRE LINGUA

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

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.

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.

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

ARTISTIC SKILLS AND COMPETENCES

Music, writing, design, etc.

INGLESE

EXCELLENT

EXCELLENT

GOOD

Great ability to make public presentations of proposals, technologies, solutions, models and research articles in the ICT head. Ability to work in a team and / or to coordinate work groups gained over years of experience. Teaching skills developed in over 30 years of specialist teaching experience at undergraduate and postgraduate level.

Drafting and management of project plans according to the most common IT methodologies. Coordination of working groups, planning and coordination of the evaluation and testing activities of ICT projects. Drafting and management of IT security plans according to ISO standards.

Electronic engineer, in possession of the qualification for the profession (state exam). Specialized, scientific, organizational knowledge and skills acquired in more than 40 years of uninterrupted activity in ICT, hardware systems design, microprocessor-based design, management of multimedia and multidimensional data, design and management of rdbms, design of languages, algorithms and solutions for artificial intelligence, network security, information systems security, blockchain, cryptocurrencies, smart card security, "third party" monitoring and tracing of network services, models and systems for the management of cooperative distributed systems, apps portable for smartphones, design and implementation of algorithms and data structures. Design and filing of patents, and copyright. The roles carried out range from the technology consultant for large public and private organizations, to the member of ICT testing commissions, to the member of the evaluation commissions of ICT projects, to the designer of complex systems, to the project manager of multi-year IT projects, to the project manager of IT projects European and international, to the manager of masters and specialized training courses, to the contract professor at the University, to the teacher in I and II level Masters, to the hardware, firmware and software designer, to the network and firewall systems manager.

In particular:

- Drafting of large ICT projects for Public Administration services.
- Design and development of innovative ICT solutions in the context of network cooperation between different organizations.
- Over thirty years of expertise in the development of innovative software and open source software in the most varied programming languages including C, C ++, Objective-C, Lisp / Scheme, C-Sharp, Pascal, Python, Sql, Assembler x86, Assembler 360, Javascript , PHP, Java, Visual Basic, Go, Clojure, Bash, Perl, Swift.
- Design and development of solutions for auditing, monitoring and control of service quality levels of distributed information systems.
- Design and implementation of an AI (Omega Race) system and engine for causal analysis and risk assessment
- Design of specialized training courses in the ICT sectors.
- Design and implementation of safety plans and systems for safety management in accordance with ISO 27001 (ex. BS 7799)
- Verification of compliance with ISO 9000 and 9001 standards
- Design of systems based on cryptographic microprocessor cards
- Requirements analysis, functional analysis, technical design, prototype development, test plans, deployment plans, software product upgrade plans
- Design, construction and maintenance of cooperative distributed systems with over 40,000 access points distributed throughout the country.

Electronic engineer, in possession of the qualification for the profession (state exam).

PIANIST FOR PLEASURE (BLUES, ROCK).

MAGICIAN, CARD MANIPULATION GAMES.

**OTHER SKILLS
AND COMPETENCES**
Competences not mentioned above.

I PRACTICE VOLLEYBALL ASSIDUOUSLY. PASSIONATE ABOUT BRIDGE AND CARD GAMES IN GENERAL.

DRIVING LICENCE(S)

Driving license B from 1975

ADDITIONAL INFORMATION

Most recent highly innovative projects (2020-2022)
Design and implementation of an online auction management system for the sale of Digital Twins of physical objects (works of art, photos, clothing, ...) based on an NFT (Not Fungible Token) model integrated in the Ethereum blockchain and Hyperledger Fabric. (Case study: <https://demarchi-blockstar.com/>, for sale at auction of historic jerseys and related digital twins of road cycling)
Design and implementation of an AI system for the management, in the absence of an operator, of television coverage of sporting events and the tracking of players on the playing field. (Case study: <https://streaming.pncbasket.it/#streaming>, for automatic resumption and tracking of players, without active operator, of Basketball matches)
Patents: US 20120291108, EP2523140 A1, WO 2012/154367, US 8024199, US 20120215549, US 20100070597, US 7593901, US 20060036546, US 7593901, EP1104574, US6847998, EP0960506, US7107335, US10681007, US15/552009

**NATIONAL AND INTERNATIONAL
PATENTS**

PAPERS/PUBLICATIONS

More than 100 national and international publications. Here is the google scholar link for the list: https://scholar.google.it/citations?hl=it&user=9BewqAMAAAJ&view_op=list_works&sortby=pubdate

Here is the ORCID link:

ORCID: <https://orcid.org/0000-0003-1419-8954>

Here is the SCOPUS link:

<https://www.scopus.com/authid/detail.uri?authorId=6603593744>