

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

Nome	LIBERO NIGRO
Indirizzo	VIA N. SAURO 4, 87040 CASTIGLIONE COSENTINO (CS) - ITALY
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Nazionalità	Italy
Data di nascita	06/07/1953

ESPERIENZA LAVORATIVA

- Date (da – a)

From 1979 to 1985 Assistant Professor of Computer Engineering in the Electrical Department of University of Calabria (UNICAL) , scientific disciplinary sector ING-INF/05.
From 1986 to 1999 Associate Professor of Computer Engineering at UNICAL, department DEIS, scientific disciplinary sector ING-INF/05.
From year 2000 up to now Full Professor of Computer Engineering at UNICAL, department DIMES, scientific disciplinary sector ING-INF/05.
Università della Calabria, 87036 Rende, Italy.
- Nome e indirizzo del datore di lavoro
 - Tipo di azienda o settore
 - Tipo di impiego

Education and scientific research.
Full professor of Computer Engineering.
- Principali mansioni e responsabilità

Responsible of basic courses of Computer Science and Systems Programming: object oriented programming, concurrent programming, discrete-event simulation, real time systems, multi-agent systems, Java.

ISTRUZIONE E FORMAZIONE

- Date (da – a)

Laurea degree in Electrical Engineering, summa cum laude, in 1978.
Università della Calabria
- Nome e tipo di istituto di istruzione o formazione
 - Principali materie / abilità professionali oggetto dello studio
 - Qualifica conseguita
 - Livello nella classificazione nazionale (se pertinente)

Software Engineering, Computer Programming, Concurrent Programming, Systems Programming, Simulation, Real time
Full Professor of Computer Engineering.

CAPACITÀ E COMPETENZE

PERSONALI

Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.

MADRELINGUA

ITALIANA

ALTRE LINGUE

ENGLISH

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

GOOD

GOOD

GOOD

CAPACITÀ E COMPETENZE

RELAZIONALI

Vivere e lavorare con altre persone, in ambiente multiculturale, occupando posti in cui la comunicazione è importante e in situazioni in cui è essenziale lavorare in squadra (ad es. cultura e sport), ecc.

Scientific responsible of national research projects (MURST60%, MURST40%, CNR "Progetto Finalizzato Sistemi Informatici e Calcolo Parallelo", CNR "Agenda 2000", Progetto 12970/Agroindustria/PON - M.ENTE: ("Management of Integrated Enterprise"). Collaboration to other research projects: PON03PE_00050_1 ("Piattaforma intelligente per il monitoraggio e la gestione della sicurezza in-home di persone e strutture"), PON03PE_00050_2 ("Sistemi domotici per il servizio di brokeraggio energetico cooperativo").

CAPACITÀ E COMPETENZE

ORGANIZZATIVE

Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.

Scientific responsible of the Software Engineering Laboratory at UNICAL/DIMES (www.lis.dimes.unical.it).

CAPACITÀ E COMPETENZE

TECNICHE

Con computer, attrezzature specifiche, macchinari, ecc.

He has tutored the following PhD students: Roberto Beraldi (graduated in distributed simulation and telecommunications systems), Francesco Pupo (graduated in Petri net modelling and analysis of real time systems), Giancarlo Fortino (graduated in modelling, analysis and implementation of multimedia systems), Angelo Furfaro (graduated in methods and tools for modelling, analysis and implementation of time-dependent systems), Franco Ciciirelli (graduated in service and agent computing paradigms for the development of distributed systems), Andrea Giordano (graduated in agent architectures for modelling and simulation of high performance systems), Paolo F. Sciammarella (at this time [September 2016] at his first year of PhD studies in modelling, analysis, design and implementation of agent-based cyber-physical systems and systems based on IoT).

Area Editor of the journal "Simulation Modelling Practice and Theory" of Elsevier, member of the editorial board of "The International Journal of Simulation and Process Modelling" and "World Journal of Modelling and Simulation". Member of the program committee and reviewer in several international conferences on modelling and simulation including: The Theory of Modelling and Simulation (TMS/DEVS), ACM SIGSIM Conference on Principles of Advanced Discrete Simulation (PADS), International Workshop on Cyber Physical Systems (IWCPS), European Conference on Modeling and Simulation (ECMS, track on Agent Based Simulation), ACM/IEEE Distributed Simulation and Real Time Applications Symposium; and on international journals including Science of Computer Programming, J. of Systems and Software, SIMPAT, Simulation Trans. of SCS, Software and System Modelling, J. of Cellular

Automata, Discrete Event Dynamic Systems and others.

In 2020 Libero was voted as one of the best reviewers (among thousands of submitted reviews) by the journal Software and System Modelling (SoSyMo), Springer, with the recognition of being one "Top 1% of SoSyMo Reviewers for the 2020.

Main research interests include: methods and tools for the specification, analysis, design and implementation of concurrent and time-dependent distributed systems (real-time or simulated), with current applications in: distributed simulation of agent-based complex and scalable systems, possibly formalized by time-extended Petri nets; modelling and exhaustive verification by model checking of concurrent and time-critical systems; model continuity in the development of agent-based cyber-physical systems; power management in smart grids; exploiting social relationships in minority games.

**CAPACITÀ E COMPETENZE
ARTISTICHE**
Musica, scrittura, disegno ecc.

[Descrivere tali competenze e indicare dove sono state acquisite.]

ALTRE CAPACITÀ E COMPETENZE
*Competenze non precedentemente
indicate.*

[Descrivere tali competenze e indicare dove sono state acquisite.]

PATENTE O PATENTI

Class B patent enabling driving personal car.

ULTERIORI INFORMAZIONI

Co-authored books

C. Nigro, L. Nigro, "Lezioni di programmazione orientata agli oggetti in Java", Pitagora Editrice (BO) 2014.

F. Tisato, L. Nigro, "Java Restaurant – Un'introduzione alla programmazione concorrente in Java", Apogeo.

ALLEGATI

PARTIAL LIST OF PUBLICATIONS (FROM 1999 UP TO NOW)