

# GIOVANNI FELICI

## CURRICULUM VITAE



### DATA DI AGGIORNAMENTO

20/02/2024

### INFORMAZIONI PERSONALI

Nome

GIOVANNI FELICI

Nazionalità

Italiana

### ESPERIENZA LAVORATIVA

2022-Present  
2016-2022  
2019-Present  
2011-2019  
2001-2010  
1997-1999  
1994-1997  
1995-1996  
2002

Director of Institute for Systems Analysis and Computer Science, Consiglio Nazionale Ricerche  
Seconded National Expert at the European Research Council Executive Agency,  
Research Director at the Institute for Systems Analysis and Computer Science, CNR  
Senior Researcher at the Institute for Systems Analysis and Computer Science, CNR  
Tenured Researcher at the Institute for Systems Analysis and Computer Science, CNR  
Researcher at Progetto Finalizzato Trasporti II, CNR  
Researcher at Centro Studi sui Sistemi di Trasporto CSST, Fiat  
Visiting Scientist at the University of Texas at Dallas  
Visiting Scientist at the University of Arizona at Phoenix

### ISTRUZIONE E FORMAZIONE

1991-1995  
1995-1996  
1989-1990  
1984-1990  
1979-1984

Ph.D. in Operations Research, University of Rome Sapienza  
Ph.D. courses in Computer Science, University of Texas at Dallas  
Master of Science Operations Research and Operations Management. Univ. of Lancaster, UK.  
Graduate Degree in Statistics, 110/110 cum laude. University of Rome Sapienza  
High school degree in classical studies, Liceo Ginnasio Goffredo Mameli, Roma

### CAPACITÀ E COMPETENZE PERSONALI

MADRELINGUA  
ALTRE LINGUE

Capacità di lettura, scrittura,  
espressione orale

ITALIANO	
INGLESE	FRANCESE
Eccellente	Buona

### CAPACITÀ E COMPETENZE

During my career in the Institute for Systems Analysis and Computer Science of CNR I performed and conducted research on methods and applications of Operations Research, Mathematical Integer Programming, Logic Programming, Artificial Intelligence, Machine Learning and Bioinformatics.

My publication record accounts for > 100 items, accruing 3049 citations with h-index 27 (GS).

I acted as a referee for the following journals: European Journal of Operational Research, Omega, Discrete Applied Mathematics, Inform Journal of Computing, Annals of Operations Research, Data Knowledge and Engineering, Optimization Letters, Journal of Scheduling, Computational Biology and Chemistry, Oxford Computer Journal, Computation Optimization and Applications, Journal of the Operations Research Society, BMC Bioinformatics, Journal on Mathematical Modeling and Algorithm, Soft Computing. Since October 2020, I am the Data Analytics and Machine Learning Area Editor for the

Springer Journal Soft Computing.

I carried out several consulting activities with public entities and private companies. These activities leveraged my expertise in tasks that required the application of advanced multivariate statistics, data mining and operations research techniques.

I accrued a substantial teaching and training record in areas with strong application potential, such as mathematical programming, multivariate statistics, machine learning and data mining. This record was developed in different environments, including Italian and US universities, public institutions and private firms – and provided me with broad experience and skills in interacting with both individuals in academia and professionals.

CAPACITÀ E COMPETENZE  
ORGANIZZATIVE  
E TECNICHE

- **Communication and relational skills:** Scientific communication and relational skills developed working in large interdisciplinary teams; Good public relations skills refined through activities for the Italian Association for Operations Research (AIRO), first as delegate member for international relationships and communication, then as vice-president; CLENAD (Comité de Liaison des Experts Nationaux Détachés, member of the directorial board of CLENAD, ANPRI (national association of research professionals of Italy, member of national secretariat); participation to speaking and writing training courses for EU professionals. Attended several courses on communication within the training program of the European Commission. Participation and coordination of working teams composed by experts from different backgrounds; participation to conferences and events for scientific communication to general audiences and stakeholders;
- **Organizational/managerial skills:** Management of large publicly funded research projects; Management of an entire research unit (line) within CNR; Management of technology transfer projects; Integration of research and business units (including budgeting tasks); Negotiation and interactions with private and public sector clients in consulting activities; Organization of large scientific events; administrative activities for project funding and follow-up at European Research Council Executive Agency (ERCEA); Organization of evaluation meetings for the assignment of ERC grants; Participation to training courses on leadership, resilience and team leadership for EU professionals;
- **Software skills:** Experienced user of multiple operating systems (Linux, Windows, Mac). Experienced programmer in several languages (C, C++, Fortran, VisualBasic, Java, Python, R). Design and development of software tools for data analysis, statistics, optimization and simulation. Advanced knowledge of software for statistics and data mining applications (Weka, Spss, Sas, Lsqare, libsvm, matlab), solvers for mathematical programming (GUROBI, FICO, CPLEX, COIN-OR) and logic programming (Prolog, Leibniz), software for graphical traffic simulation (CORSIM), and database managers (Access, MYSQL). Advanced knowledge of Windows and Linux operating systems and of the MS Office suite.

ULTERIORI INFORMAZIONI

For a full list of publications, please check  
<https://scholar.google.it/citations?user=tIzpkvIAAAAJ&hl=it>