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Summary

Associate Professor in Information Processing Systems (09/H1, qualified as Full Professor), Director/Administrator of heriVolo, president of the European Council for Modelling and Simulation, and member of the scientific committee of Club Atlantico Napoli. Before joining academia, he served as Second Lieutenant (OF-1) in the Italian Air Force, and has been a senior consultant for the Italian Ministry of Innovation and Technology and a freelance consultant and technical instructor. He is licensed to practice as Professional Engineer since 2000. He published 120+ peer reviewed scientific papers and has served as scientific editor, as chairman and member in 170+ scientific conference committees and as referee for 30+ journals. He is senior member of IEEE and member of ACM, INSTICC, EAI and other scientific societies. His research is mainly centered on performance modeling of complex computer-based systems, specially on multiformalism modeling techniques, critical and Big Data systems, privacy and explainability. He has taught 60+ university courses and is a member of the Academic Board of the PhD in Mathematics, Physics and applications of Engineering of his University since 2020/21. More information is available at http://www.mauroiacono.com.

Experience

Università degli Studi della Campania "Luigi Vanvitelli" (ex Sec. Univ. di Napoli) CASERTA, ITALY

Associate professor *Dec '19 – currently*

Tenured assistant professor, Senior researcher, Aggregate professor *Jun '06 – Nov '19*
Teaching: E-gov. sys., Comp. sc. fundam. for polit. sciences, Comp. sc. fundam. for energy and env. admin., Programming, Inform. proc. sys., Comp. sc. for humanities I and II, Multim. sys. and new techn., Operat. sys., Comp. infrastr., Bioinf., Comp. crime, Comp. sys. modeling, Arch. of comp. sys. (Curricula: bach. in Comp. eng., Electr. eng., Polit. sc., Biol., Data anal.; ms in Comp. eng., Administration, Pharm.; PhD in Math., Phys. and Eng. appl.; 1st lev. Prof. master). **Research:** Multiformalism and multisolution methods, Performance and dependability eval., Distributed sys., Evaluation of Big Data archit., Critical sys., Sensor networks (national and EU (Artemis, COST) projects).

Adjunct professor, Temporary researcher, Research assistant *Jan '02 – May '06*
Teaching: Web sys. and data bases, Data bases and information sys., Comp. architecture, Advanced comp. architecture (Curricula: bach. in Comp. eng., Electrical eng., Maths and comp. sc.; ms in Comp. eng., Electrical eng.). Research: Multiformalism modeling, Performance and dependability evaluation, Distributed sys., Complex sys. (regional and national projects).

European Council for Modelling and Simulation

President *Mandate '21 – '23, '23 – '25*
Legal representative and manager for an international scientific society.

heriVolo srl CASERTA, ITALY

Administrator/Director *Jul '22 – currently*
Legal representative and sole administrator, cultural heritage technologies.

Istituto Nazionale di Fisica Nucleare NAPOLI, ITALY

Associate *Jul '22 – currently*
PREDIS project.

Cracow University of Technology CRACOW, POLAND

Visiting professor *Academic year '20 – '21, '21 – '22, '22 – '23*
Teaching: Architecture of Computer Systems, Bachelor of Engineering in Computer Science

Visiting professor *Nov '15 – Dec '15/Oct '17 – Nov '17*
Teaching: seminars on Techniques for performance evaluation of complex comp. based sys.

Inst. of Fundamental Technological Res., Polish Academy of Sciences (IPPT PAN) WARSAW, POLAND

Teacher *Feb '22 – Jun '22*
Teaching: High performance computing architectures, TIB PAN Doctoral School

George Mason University FAIRFAX, VA, USA

Research associate *Apr '15 – Nov '17*
Research topics: Multiformalism modeling, human based sys. modeling.

Visiting professor   *Apr '15 – May '15*
Teaching: seminars on Multiformalism modeling

University Politehnica of Bucharest   Bucharest, Romania
Visiting professor   *Jan '17 – Feb '17*
Teaching: seminars on Techniques for performance evaluation of large scale comp. sys.

Independent professional activity   www.mauroiacono.com
Teacher/Technical instructor   *Jan '02 – present*
Activity for many private and public agencies and projects. Topics: Statistics, ICT, OS, Advanced TLC, OOD and UML, OOP and C++, C, DB&IS, Web design, Web comm., Multimedia WWW auth. tools, Web marketing, E-procurement tools, DSS, Change management, MS Excel, MS Access, IBM Rhapsody.

IT Consultant   *Jan '96 – present*
Freelance consulting in the field of Inf. sys., Web based sys., Application devel., Embedded sys..

Centro regionale di competenza - tecnologie dell'informazione e comunicazione   Benevento, Italy
Postdoc research fellow   *Jan '04 – Dec '04*
Research topics: Multiformalism and multisolution methods, Performance and dependability evaluation, Embedded and industrial sys., Technology transfer.

Ministero dell'innovaz. tecnologica - Centro regionale di competenza egovernment   Napoli, Italy
Senior Consultant - MIT/Formez unit coordinator   *Ott '02 – Dec '03*
Coordinator of a regional unit in the national infrastructure for the enactment of the National E-government Plan of the Ministry of Innovation and Technology. **Main responsibilities**: Unit coord. (HR and projects), Relations with and assistance to national, regional and local public adm., Project manag., E-government consulting, Event manag., Institutional comm.

Ministero della Difesa - Aeronautica Militare Italiana   Napoli, Italy
Officer (Second Lieutenant, OF-1) in charge at Defense section   *Jan '00 – Mar '01*
In service at Capodichino Military Airport at Napoli, Italy (Ministry of Defense, Italian Air Force). **Main responsibilities**: Security, HR, Weapon training, Airbase temporary command.

Find more at www.mauroiacono.com, www.linkedin.com/in/mauroiacono or www.researchgate.net/profile/Mauro_Iacono.

Education

Seconda Università degli Studi di Napoli   Aversa (CE), Italy
Dottorato di ricerca in Ingegneria elettronica (PhD, Electrical engineering)   *1999 – 2003*

Università degli Studi di Napoli "Federico II"   Napoli, Italy
Laurea in Fisica, 110 e lode/110 (MSc, Physics, cum laude)   *2003 – 2021*
Laurea in Ingegneria informatica, 110 e lode/110 (MSc, Comp. eng., cum laude)   *1993 – 1999*

Liceo Classico Statale "Quinto Ennio"   Taranto, Italy
Maturità Classica, 60/60 (Classical A levels, full grades)   *1988 – 1993*

Publications

Author of more than 120 peer reviewed scientific publications (see www.mauroiacono.com/publications).

Editorial board activity

Associate ed. of Journal of High Speed Networks (IOS Pr. ISSN 0926-6801), Frontiers in Applied Mathematics and Statistics (Front. ISSN 2297-4687); ed. board member of Technologies (MDPI, ISSN 2227-7080), Modelling (MDPI, ISSN 2673-3951), Science and philosophy (ISSN 2282-7757), Ratio mathematica (ISSN 1592-7415); Guest ed. for Journal of Parallel and Distributed Computing (Elsev. ISSN 0743-7315), Journal of Computational Science (Elsev. ISSN 1877-7503), Concurrency and Computation: Practice and Experience (Wiley ISSN 1532-0634), International Journal of Applied Mathematics and Computer Science (De Gruyt. ISSN 1641-876X).

Conference activities

Chair or committee member for more than 170 conferences (see www.mauroiacono.com/conferences).

Referee activity

Referee for many scientific journals and conferences (see www.mauroiacono.com/referee).