

1-Page Curriculum Vitae: FORTINO, Giancarlo

- Title: Full Professor
- Office Mailing Address: Department of Informatics, Modeling, Electronics, and Systems (DIMES), Via P. Bucci, cubo 41C, 87036 Rende (CS), Italy
- Email: g.fortino@unical.it
- Contact number: +39 3494131595
- Current Position: Full Professor of Computer Engineering (Full-time, 100%), DIMES - University of Calabria
- **Academic qualifications**
 - 2000 PhD in Systems and Computer Engineering, University of Calabria, Italy
 - 1995 Laurea degree (B.Sc.+M.Sc.) in Computer Engineering, University of Calabria, Italy
- **Research interests**

Wearable Computing Systems, Body Sensor Networks, Internet of Things, Agent Computing, Human-Machine Systems
- **Research positions in other institutions**
 - 1997 and 1999 Visiting Researcher at International Computer Institute, Berkeley, CA, USA
 - 2009 Visiting Professor at Queensland University of Technology, Australia
 - 2015-17 Guest and Adjunct Professor at Wuhan University of Technology, China
 - 2017- High-end Expert at Huazhong University of Science and Technology, China
 - 2015- Adjunct Senior Research Fellow at ICAR-CNR (Italian National Research Council), Italy
 - 2019-2021 Visiting Scientist, CAS PIFI at SIAT (Shenzhen, China)
 - 2019- Distinguished Professor, Huazhong Agricultural University (Wuhan, China)
- **Selected Research projects**
 - Deputy coordinator of the EU-funded HE project MLSystems (Machine Learning for Autonomic System Operation in the Heterogeneous Edge-Cloud Continuum), 2023-25;
 - National Coordinator of Italian MUR project funded COMMON-WEARS in the PRIN-Basic Research framework, 2022-24;
 - National Coordinator of Italian Health Ministry funded RADIOAMICA project in the POS framework, 2022-2026;
 - Deputy coordinator and STPM of the EU-funded H2020 project INTER-IoT (Interoperability of IoT Platforms, <http://www.inter-iot.eu>), 2016-18;
 - Scientific Responsible of the Open-Source SPINE BoK project (<https://projects.dimes.unical.it/spine-bok/>), 2008-on going.
 - UNICAL Coordinator of EU-funded ENIAC E2SG (Energy to Smart Grid), 2012-2015.
 - UNICAL Coordinator of EU-funded FP7 CONET (Network of EXcellence in Cooperating Smart Objects), 2009-12.
- **Bibliometrics**

He is author of 700+ papers in international journals, conferences and books. He is Highly Cited Researcher 2020-2023 by Clarivate in Computer Science. In Google Scholar, he has 26000+ citations and h-index=83.
- **Scientific Organization Activity**
 - Founding editor of the Springer Book Series on "Internet of Things: Technology, Communications and Computing" and of the IEEE Press Book Series on Human-Machine Systems
 - Senior/Associate Editor of IEEE Trans. on Affective Computing, AI, Human-Machine Systems, Automation Systems and Eng., IEEE IoT J, IEEE Sensors J, IEEE JBHI, IEEE OJCOMS, IEEE OJEMB, IEEE SMCMAG, EAAI, INFFUS.
 - Chair of 140+ workshops and conferences
 - Guest-editor of about 100 special issues in renowned journals.
 - Member of TPC of 700+ int'l conferences/workshops
- **IEEE Services**
 - IEEE Fellow
 - Founding Co-chair of the IEEE SMC TC on "Interactive and Wearable Computing and Devices" and IEEE Systems Council TC on "Hyper Intelligence"
 - Member of the BoG of the IEEE SMC Society (term 2018-20, 2021-23)
 - Past Chair of the IEEE SMC Italian Chapter.
- **Technology Transfer and Spin-offs**
 - Founder and CEO of Sensyscal Srl – Unical spin-off, aimed at development of innovative IoT systems
 - Director of Postgraduate (Industry-oriented) II-level Master on INTER-IoT: Integrator and Manager of IoT Systems
- **Publications (10 ISI Highly Cited Papers in the area of AI, Human-centred Wearable and IoT Computing)**
 1. F. Piccialli, V. Di Somma, F. Giampaolo, S. Cuomo, G. Fortino: A survey on deep learning in medicine: Why, how and when? *Inf. Fusion* 66: 111-137 (2021)
 2. G. Fortino, C. Savaglio, G. Spezzano and M. Zhou, "Internet of Things as System of Systems: A Review of Methodologies, Frameworks, Platforms, and Tools," in *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, vol. 51, no. 1, pp. 223-236, Jan. 2021, doi: 10.1109/TSMC.2020.3042898.
 3. M. M. Hassan, A. Gumaï, A. Alsanad, M. A. AlRubaian, G. Fortino: A hybrid deep learning model for efficient intrusion detection in big data environment. *Inf. Sci.* 513: 386-396 (2020)
 4. C. Savaglio, M. Ganzha, M. Paprzycki, C. Badica, M. Ivanovic, G. Fortino: Agent-based Internet of Things: State-of-the-art and research challenges. *Future Gener. Comput. Syst.* 102: 1038-1053 (2020)
 5. M. Chen, W. Li, G. Fortino, Y. Hao, L. Hu, I. Humar: A Dynamic Service Migration Mechanism in Edge Cognitive Computing. *ACM Trans. Internet Techn.* 19(2): 30:1-30:15 (2019)
 6. P. Pace, G. Aloï, R. Gravina, G. Caliciuri, G. Fortino, A. Liotta: An Edge-Based Architecture to Support Efficient Applications for Healthcare Industry 4.0. *IEEE Trans. Ind. Informatics* 15(1): 481-489 (2019)
 7. M. Frustaci, P. Pace, G. Aloï, G. Fortino: Evaluating Critical Security Issues of the IoT World: Present and Future Challenges. *IEEE Internet Things J.* 5(4): 2483-2495 (2018)
 8. K. Lin, M. Chen, J. Deng, M. M. Hassan, G. Fortino: Enhanced Fingerprinting and Trajectory Prediction for IoT Localization in Smart Buildings. *IEEE Trans. Autom. Sci. Eng.* 13(3): 1294-1307 (2016)
 9. G. Fortino, S. Galzarano, R. Gravina, W. Li: A framework for collaborative computing and multi-sensor data fusion in body sensor networks. *Inf. Fusion* 22: 50-70 (2015)
 10. G. Fortino, R. Giannantonio, R. Gravina, P. Kuryloski, R. Jafari: Enabling Effective Programming and Flexible Management of Efficient Body Sensor Network Applications. *IEEE Trans. Hum. Mach. Syst.* 43(1): 115-133 (2013)