

CV Prof. Ing. Sergio Saponara
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 Dip. Ingegneria Informazione (DII), Università di Pisa, via G. Caruso 16, 56122, Pisa, Italy

Esperienze Lavorative

- 2017-Presente **Professore Ordinario di Ingegneria Elettronica al DII – Università di Pisa** (corsi di Vehicular Electronics, Electronic Systems for Automation and Robotics, Hardware and Embedded Security, Design of Integrated Circuits and Systems for IoT)
- 2022- Presente **Membro esperto per Ministero Università e Ricerca (MUR) “Tavolo tecnico sui semiconduttori”**
- 2020 - Presente **Delegato Attività di Terza Missione e Rapporti con il Territorio, DII – Università di Pisa**
- 2020 - Presente **Steering Committee National Lab HPC Key Technology and Tools, CINI, Roma**
- 2018 - Presente **Steering Committee European Processor Initiative**
- 2022 – Presente **Co-leader Spoke Multiscale Modelling and Engineering Applications, PNRR National Center HPC, Big Data and Quantum**
- 2022 – Presente **Technical Steering Committee, PNRR National Center HPC, Big Data and Quantum**
- 2017 - Presente **Presidente (2020-presente, Vice2017-19) Laurea Triennale in Ingegneria Elettronica** Università di Pisa <http://www.ing-ele.ing.unipi.it/>, con gestione Gruppo Riesame, Commissione paritetica, Commissione valutazione corso di studio e Commissione monitoraggio annuale
- 2017 - Presente **Presidente (2020-presente, Vice2017-19) Laurea Magistrale in Ingegneria Elettronica** Università di Pisa <http://www.ing-ele.ing.unipi.it/>, con gestione Gruppo Riesame, Commissione paritetica, Commissione valutazione corso di studio e Commissione monitoraggio annuale
- 2017 – Feb 2024 **University of Pisa Representative** in the EERA (European Energy Research Alliance)- JP Smart Cities and in the association MOVET (MOtors VEHicles Technologies)
- 2005 – Presente **Professore alla Accademia Navale Italiana**, Livorno, Italy, per i corsi Electronics (Stato Maggiore) and Fondamenti di Elettronica e Telecomunicazioni (Ruoli Speciali AN)
- 2012 – Presente **Evaluator for MIUR, MISE, EU H2020 Space Tec, Governments of Romania, Kazakhstan, Cyprus, Italian Regions (Puglia, Piemonte, Campania, Trentino Alto Adige)**
- 2020 - 2021 **Direttore Corso di specializzazione “Automotive Electronics and Powertrain Electrification”, University of Pisa and Tuscany Region**
- 2020 - Presente **AI4People committee**, European Institute for Science, Media and Democracy (EISMD)
- 2018 – Presente **Direttore UCAR (University Center for Automotive Research)** <http://www.ucartuscany.it/>
- 2016 – Presente **Direttore Summer School “Enabling Technologies for Industrial IoT”,** <https://www.unipi.it/index.php/engineering/item/6869-summer-school-internet-of-things>
- 2016 – Presente **Director Lab I-CAS “Integrated and Embedded Circuits and Systems”**
- 2014 - Presente **Co-founder, co-owner and scientific advisor of InegniArs srl** <https://www.ingeniars.com/>, via Ponte a Piglieri 8, 56122, Pisa, Italy
- 2017 –2021 **IEEE distinguished lecturer**
- 2018 –2020 **Responsabile Crosslab IoT** <https://crosslab.dii.unipi.it/>, Polo Tecnologico di Navacchio
- 2017- 2020 **National leader of the area “Electronic Systems and Applications” of the SIE (Società Italiana di Elettronica)**
- 2011- 2017 **Professore Associato di Ingegneria Elettronica** Università di Pisa

2006 - 2011	Engineering Consultant, Consorzio Pisa Ricerche scarl CPR scarl, Corso Italia 8, 56126, Pisa, Italy
2005- 2011	Assistant Professor di Ingegneria Elettronica Università di Pisa
2002 - 2005	Post-doc Research Fellow , DII- Università di Pisa
2002 – 2002	Marie Curie Research Fellow , Interuniversity Microelectronics Center (IMEC), Leuven, Belgium
May 1999 – Dec 1999	Post-graduate Researcher , Grant funded by CNR-CSMDR (Consiglio Nazionale delle Ricerche- Centro Studi Metodi e Dispositivi di Radiotrasmissioni), Pisa, Italy
Formazione	
Jan 2000 – Dec 2002	PhD Information Engineering (research grant by STMicroelectronics) Università di Pisa , Italia
Nov 1999 – April 1999	Laurea Degree in Electronic Engineering (5-year), 110/110 con Laude Università di Pisa , Italia
Sept 1989 – June 1993	Diploma Maturità Scientifica , 60/60 Liceo Scientifico “E. Majorana”, Genzano di Lucania (PZ), Italy
Lingue	Italiano, Francese, Inglese
Scientific Editor	Associate Editor of Journal Real-Time Image Processing, IEEE Canadian Journal for Electrical and Computer Engineering, Springer Lecture Notes in Electrical Engineering, IEEE Consumer Electronics Magazine, IEEE Vehicular Technology Magazine, IET Electronic Letters, IEEE VCAL Letters, Energies, Entropies, Sensors. Guest editor at IEEE Transactions on Industrial Informatics, EURASIP Journal on Embedded Systems, Applied Sciences
Progetti Scientifici come Coordinatore o Partner leader negli ultimi 10 anni	2018-21 H2020 European Processor Initiative (EPI) SGA1; UNIFI Leader & Steering Committee, Funding UNIFI: 1,545 M€ (Project 80 M€ lead ATOS) 2022-25 EuroHPC JU, European Processor Initiative (EPI) SGA2; UNIFI Leader & Steering Committee, Funding UNIFI: 2,335 M€ (Project 70 M€ lead ATOS) 2022-25 Horizon Europe, Aero: Accelerating European Cloud; UNIFI Leader, Funding UNIFI: 0,45 M€ (Project 6 M€) 2021-24 EuroHPC JU, Textarossa, CINI coordinator, Funding UNIFI: 0.5 M€ (Project 6 M€ lead ENEA) 2022-25 EuroHPC JU EUPEX, UNIFI-DII coordinator, Funding UNIFI: 0.5 M€ (Project 40M€ lead ATOS) 2021-24 EuroHPC JU TheEuropeanPilot, CINI coordinator, Funding UNIFI: 0.4 M€ (Project 35M€ lead BSC) 2023-26 Eu Digital Innovation Hub (EDIH) DAMAS, CINI coordinator, Funding: 0.4 M€ (Project 7M€ lead Leonardo) 2021-24 ECSEL JU Hiefficient, UNIFI Leader, Funding UNIFI: 0.4 M€ (Project 44 M€ lead AVL) 2013-17 FP7 ATHENIS3D, WP leader, Funding UNIFI: 0.35 M€ (Project 8 M€ lead AMS) 2020- 22 FESR EU project SURFACE Funding UNIFI: 0.15 M€ (Project 0.35 M€) 2017- 19 FESR EU project AirCardio Funding UNIFI: 0.3 M€ (Project 3 M€) 2021-23 Tuscany Region Project RE START Coordinator, Funding UNIFI: 0.24 M€ (Project 0.36 M€)

	2021-2023 INFN callV funding, 0.9 M€, Falaphel, WP coordinator
Publicazioni	372 publications indexed in Scopus, list here https://orcid.org/0000-0001-6724-4219
Indici Scientifici	Hindex (31 Scopus, 36 GS) , citations (4400 Scopus, 6000 in GS); in the Stanford list of top 2% cited researchers in 2020, 2021, 2022 and in 2023.
Technology Transfer	Unit leader for industry funded research and knowledge transfer projects by Marelli, Huawei, Intel, ABB Powerone, MBDA, Magna Mechatronics, STMicroelectronics, Pierburg Rheinmetall, Flyby, Intecs, CarbonDream, IngeniArs, RiCo, Sestablab, I-Pool, PPC, Solari, SelexGalileo (Leonardo), Piaggio, New Tech Holding srl Teacher in courses for the re-skilling/up-skilling of companies: for Pierburg Rheinmetall Italy, Reinova, Magna Mechatronics, ABB Powerone, Vitesco Technologies, Sestablab
Valutatore	Evaluation activity for MIUR, MISE, EU H2020 Space Tec, Governments of Romania, Kazakhstan, Cyprus, Italian Regions (Puglia, Piemonte, Campania, Trentino Alto Adige)
Affiliazioni	Scientific associations to CINI, CNIT, INFN, SIE (leader area Electronic Systems 2017-2020) European Networks HIPEAC and Newcom

Pisa 8/02/2024