

| PERSONAL INFORMATION | |
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| Name | Francesco Niglia |
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| e-mail | francesco@fnstudio.net |
| Web | www.fnstudio.net / www.koyslab.eu |
| Public Profile | www.linkedin.com/in/francesconiglia |
| Nationality | Italian |
| Date of birth | 18-02-1972 (age 52) |



PROFILE

PhD in Complex Systems Engineering. I worked for about 20 years as a consultant for Technology Transfer; my expertise extends over the Ethics and Social Innovation, Responsible Innovation, modelling of innovation ecosystems and strategies, development of models for complex systems, and ICT for government solutions.

Furthermore, I am the CEO and Research Director of [KOYSLab](http://www.koyslab.eu), analysing the impact of Innovation and ethical policies and strategies. Main Researcher at the Link Campus University "**Responsible Research and Innovation Lab**" in the last 5 years.

In the last 20 years, I have participated in and organised several expert boards (notably ICT Skills, Creativity, Country Mapping of Digital Social Enterprises in Italy, and Social Innovation); I've also been actively engaged in modelling innovation ecosystems and ethical and sustainable technologies through different fields of application. All the key assignments are based on applying responsible innovation and social sustainability methodologies.

Currently, my research topics are:

- a) Apply the Responsible Innovation paradigm to digital domains.
- b) Apply the Trustworthy AI paradigm to research and innovation initiatives
- c) Research on the Ethics of Innovation.
- d) Territorial Innovation and sustainability.
- e) Artificial Intelligence and Big Data applied to social-oriented services

EDUCATION & CERTIFICATES

- 2023. Expert in "Evaluation of Science and Innovation Policies" at Alliance Manchester Business School - Manchester Institute of Innovation Research
- 2020. PhD in Complex Systems Engineering. Project work "Development of a framework for the analysis and the enhancement of the complex dynamics that rule the adoption of corporate responsibility in smart factories". In his PhD research work, I built and started to validate a framework for analysing and enhancing the complex dynamics that rule the adoption of corporate responsibility in smart factories. It means responsibility and sustainability of the Industry4.0 domain
- 2020. Appointed as "Innovation Manager" by the Italian Ministry of Economic Development (MISE)
- 2001. Business Administration post-degree
- 1998. Qualification as Industrial Engineer
- 1996. Degree in Aeronautic Engineering

PROFESSIONAL EXPERIENCES

- ❖ 2019 – to date. Main researcher at Link Campus University in Rome (www.unilink.it)
 - Ethics and responsibility
 - Director of the "**Responsible Research and Innovation Lab**"
 - Application of Responsible Innovation paradigm into digital domains.
 - Research on the Ethics of Innovation.
 - Territorial Innovation and sustainability.
 - Artificial Intelligence and Big Data applied to social-oriented services.
- ❖ Since 2013. CEO and founder of KOYSLab (www.koyslab.eu)
 - Research on Complex Systems modelling.
 - Research and models of socio-economic sustainability
 - Development of organisational plans for responsible innovation practices.
- ❖ Since 2011. Founder of F.N. International Networking (www.fnstudio.net)
 - Innovation consultancy. Technology Transfer. Business plans, market search.
 - Project management, technology audit, scientific awareness.
 - Coaching to innovative start-up. Development of open innovation networks.
 - Management of R&D for Universities and Research Centers.
 - Training about Open Innovation, Sustainability.
 - Evaluation of sustainability plans and analysis of socio-economic impact of Innovation.
- ❖ (2014) DHITECH – Italian Hi-Tech District (<http://www.dhitech.it/>)
 - lecturer: Open Innovation, Living Labs, Horizon 2020 Programme and Funding Instruments
- ❖ (2002-2011). Innova SpA (www.innova-eu.net)
 - Senior project manager. Consultancy for EC-funded initiatives (FP5, FP6, FP7). Business development.

KEY ASSIGNMENTS

- ❖ European Commission external expert (registered expert code: **EX2006C122855**)
 - JRC (Joint Research Center) **AI Watch**, expert for "*landscaping of Artificial Intelligence use and impact in the EU and MS public administration with a focus on user centricity of services, as well as the societal and ethical implications of AI adoption and implementation*"
 - Proposals' **evaluator** and projects' **reviewer** in **Horizon Europe** (Research Infrastructures, Social Innovation Ecosystems, EIC transition, Excellence Hubs, WIDERA). Previous evaluator in **FP6**, **FP7**, and **Horizon 2020** programs.
 - Appointed as expert for the evaluation of plans supporting the "**development of territorial Responsible Research and Innovation**" bringing R&I actors to integrate RRI into regional S3 development policies and develop new transparent working methods and governance relations.
 - Appointed as **Innovation Expert** / Innovation Radar Expert for F.E.T., FET-Proactive, and IA projects.

- ❖ Member of **Ethical Advisory Board**.
 - AI CODE project (<https://aicode-project.eu/>). **Appointed as responsible of ethical board for AI services monitoring**. The main goal of the interdisciplinary AI-CODE project is to evolve state-of-the-art research results from the past and ongoing EU-funded research projects focused on disinformation to a novel ecosystem of services that will proactively support media professionals in trusted information production through AI.
 - WILDPOSH project (<https://wildposh.eu/>). **Appointed as responsible for ethical issues of the overall project with a special focus on compliance with the Nagoya Protocol**. WildPosh is a multi-actor, transdisciplinary project whose overarching mission and ambition are to significantly improve the evaluation of risk to pesticide exposure of wild pollinators and enhance the sustainable health of pollinators and pollination services in Europe.
- ❖ Link Campus University – Rome – Italy (www.unilink.it)
 - R&D Unit responsible, **main researcher for the project** "*Responsible Innovation in innovation districts: sustainability, indicators, enabling factors*"
 - Appointed as responsible of RRI. "Responsible Research and Innovation"
 - Scientific Manager of [HubIT](#) "The H.U.B. for boosting the Responsibility and inclusiveness of ICT enabled Research and Innovation through constructive interactions with SSH research" Project
 - Cross-sectoral Exploitation Manager of **MARINA** "Marine Knowledge Sharing Platform for Federating Responsible Research and Innovation Communities" Project (contract 710566), for Nanotechnologies and Smart Factories sectors
- ❖ R&D Consultancy (www.fnstudio.net)
 - "New technologies and digitisation: opportunities and challenges for the social economy and social enterprises" EASME/COSME/2017/024. **Country mapping (Italy) expert and technological analytics**
 - **IESI** "ICT-Enabled Social Innovation Initiatives promoting social investment in the EU" initiative. Appointed as a **member of the Advisory Board**
 - CEN Workshop on ICT Skills / AFNOR / ESCO. **Expert in the definition of the ICT competence frameworks eCF2.0 / ESCO - ICT.**
- ❖ Manuscript reviewer for:
 - The [Hawaii International Conference on System Sciences](#) (HICSS)
 - The [Technology Analysis & Strategic Management](#) Journal
 - The [European Journal of Social Science Research](#)
 - The [Journal of Simulation](#)
- ❖ Innova SpA (www.innova-eu.net). Project Scientific and Operative Manager for:
 - **NET-EUCEN**: "Network of European Stakeholders for Enhance User Centricity in eGovernance" Contract 250522 [2010 – 2012] CIP-ICT-PSP-Thematic Network instrument.
 - **MAESTRO**: "Development of a platform for the analysis and the evaluation of the territorial impact of new technologies in the agro-food and governance sectors" POR instrument [2009 – 2011].
- ❖ Other initiatives

- Democratic and Disruptive Social Innovation Community manager,
- RISE – Responsible Innovation in Sustainable Environments knowledge sharing manager.

MAIN PUBLICATIONS

- (2024) "Measuring user-centricity in AI-enabled European public services: a proposal for enabling maturity models" – in the *Research Handbook on Public Management and Artificial Intelligence* (Edward Elgar Publishing). DOI: <https://doi.org/10.4337/9781802207347.00015>
- (2021) (*Technical Standard*). **Responsibility-by-design - Guidelines to develop long-term strategies (roadmaps) to innovate responsibly**. This CEN Workshop Agreement (CWA 17796:2021) has been developed in accordance with the CEN-CENELEC Guide 29 "CEN/CENELEC Workshop Agreements - A rapid prototyping to standardisation" and with the relevant provisions of CEN/CENELEC Internal Regulations - Part 2. <http://store.uni.com/catalogo/cwa-17796-2021-314554>
- (2020) Gagliardi D., Psarra F., Wintjes R., Trendafil K., Pineda Mendoza J., Haaland K., Turkeli S., Giotitsas C., Pazaitis A., Niglia F., (2020), **New Technologies and Digitisation: Opportunities and Challenges for the Social Economy and Social Enterprises**. European Commission, Executive Agency for S.M.E.s, DOI: 10.2826/767888
- (2019) Gagliardi, D., Misuraca, G., Niglia, F., & Pasi, G. **How ICTs shape the relationship between the State and the citizens: Exploring new paradigms between civic engagement and social Innovation**.
- (2019) Viticoli, S. et al. "Ricerca ed Innovazione Responsabile in Italia". Retrievable at <https://www.airi.it/area-download/report-sulla-ricerca-e-innovazione-responsabile-2019/>
- (2018) Niglia, F., Corallo, A. **An Innovation Model for the Analysis of the Role of Gender Equality, Privacy and Engagement of in Smart Factories' Ecosystem**. In *Responsible Research and Innovation Actions in Science Education, Gender and Ethics* (pp. 95-100). Springer, Cham.
- (2017) Gagliardi D., et al. **Information and communication technologies and public participation: interactive maps and value added for citizens**. *Government Information Quarterly*, 34(1).
- (2013) "eCompetence Framework for I.C.T. Users" – **Adopted European Standard (C.E.N.)**
- (2012) Niglia, F., et al. **Exploring the impact of innovation policies in economic environments with self-regulating agents in multi-level complex systems**. In *Information systems: crossroads for organisation, management, accounting and engineering* (pp. 67-76). Physica, Heidelberg.
- (2011) "Implementing eCompetence Framework into S.M.E.s" – **Adopted European Standard (C.E.N.)**

