

**MSCA MARIE SKŁODOWSKA-CURIE ACTIONS (MSCA) POSTDOCTORAL FELLOWSHIPS
2024 APPLICATIONS AT THE UNIVERSITY OF MACERATA**

SUPERVISOR PROFILE

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Research themes proposed

- 1) Taxation of capital income and wealth, with focus on issues of efficiency and equity from both theoretical and empirical perspectives.
- 2) Energy poverty, with focus on public policies to reduce it.
- 3) Economics of spectrum management, with focus on spectrum sharing issues.
- 4) Independent regulatory authorities, with focus on those charged with the regulation of energy, water, waste collection and environmental services, communications, transport.
- 5) Digital transformation and data governance of public services, with focus on those provided at municipal level;

Other info

Leo Fulvio Minervini has been Assistant Professor of Public Finance at the University of Macerata since 2008. He holds a PhD from the University of Warwick, Warwick Business School (UK).

His major research interests include the economics of public goods and services as well as taxation, the regulation of public utilities, and the political economy approach. His recent research includes energy poverty, taxation of income and wealth, market mechanisms for spectrum sharing, the political economy of economic regulation by independent authorities, health data management.

He has published various works (books, book chapters, articles in national and international journals) mostly on telecommunications, radio spectrum management for wireless services, air transport economics, education, and other public services.

He has been involved in a number of national and international projects on regulatory matters and policy.

For additional information, please visit <https://docenti.unimc.it/leofulvio.minervini>.

With regard to the research themes proposed, here is a short list of selected publications and projects:

- "Concentration of Income and Wealth in Italy and Remarks on Their Tax Treatment" (with A. Carfora and E. Cutrini), 2024, in *La sostenibilità. Percorsi tra ambiente, società e governance* [Sustainability. Pathways Across Environment, Society, and Governance], M. Biasini, E. Giacomini, and N. Marinelli (Eds.); eum - Edizioni Università di Macerata; pp. 99 – 125, open access;
- "Evolved Spectrum Usage Rights: A Catalyst for Liberal Spectrum Management Reform" (with W. Webb and A. Medeisis), 2024, in *Telecommunications Policy*, doi: 10.1016/j.telpol.2024.102715;

- "Municipal Waste Management: A Complex Network Approach with an Application to Italy" (with R. Cerqueti, M. Cinelli, L.F. Minervini), 2021, in *Waste Management*, 597 – 607;
- "The Selection of Regulators, or, the Political Economy of Regulation in Italy" (with D. Piacentino), 2021, in *L'Industria*, XLII, 1-25;
- "Il ruolo dei comuni nella transizione digitale" [The Role of Municipalities in Digital Transition] (with A. Vinella), 2021, in *La risposta dei comuni alla crisi pandemica* [How Municipalities Reacted to the Pandemic Crisis], M. Degni (Ed.), Roma, Castelvechi, 498–528;
- "5G Networks: This Time It Is Different" (with M. Matinmikko-Blue), 2020, in *La forza delle reti* [The Strength of Networks], G. Busilacchi and E. Cedrola (Eds.), Roma, Aracne, 131-151;
- "Spectrum Management Reform: Rethinking Practices", 2014, in *Telecommunications Policy*, vol. 38(2), 136-146, doi:10.1016/j.telpol.2013.07.004;
- "Stalling Innovation of Cognitive Radio: The Case for Dedicated Frequency Band" (with A. Medeisis), 2013, in *Telecommunications Policy*, vol. 37(2-3), 108-115, doi:10.1016/j.telpol.2012.07.001.

Selected research projects:

- "Smart Solutions and Educational Programs for Anti-Fragility and Inclusion (Safina)", National Innovation Ecosystem grant ECS00000041 - VITALITY - CUP D83C22000710005 funded by the European Union - NextGenerationEU under the Italian Ministry of University and Research (MUR), 2022- (*ongoing*);
- "Techno-Economic Regulatory Framework for Radio Spectrum Access for Cognitive Radio/ Software Defined Radio (TERRA)"; *member of the Management Committee* and *Chair of WG4* on "Impact assessment of CR/SDR regulation"; European Cooperation in Science and Technology (COST), ICT Action IC0905, www.cost-terra.org, May 2010 – April 2014;
- "Cost-Benefit Analysis of Options for Better Functioning of the Internal Market in Electronic Communications", *team member*, European Commission-Information Society and Media Directorate-general, 2007;
- "Spectrum Policies and Radio Technologies Viable in Emerging Wireless Societies (SPORTVIEWS)", *team member*, European Commission-Information Society and Media Directorate-general, 2006.