

MARIA ALESSANDRA ROSSI

ASSOCIATE PROFESSOR OF POLITICAL ECONOMY

*Department of Economics, University G. D'Annunzio of
Chieti-Pescara*

Viale Pindaro, 42 Pescara (Italy)

e-mail: alessandra.rossi@unich.it; skype: ale_rossi

SCIENTIFIC COORDINATOR

*Center for a Digital Society, Robert Schuman Center for
Advanced Studies, European University Institute (EUI)*

Via Boccaccio 121, 50133 Firenze (Italy).

PREVIOUS SCIENTIFIC POSITIONS

- Feb 2023 – present Part-time Professor, Center for a Digital Society, Robert Schuman Center for Advanced Studies, European University Institute (EUI)
- Nov 2016 – Oct 2018 Associate Professor of Economic Policy, Department of Economics and Statistics, University of Siena
- Oct 2011- Feb 2012 *Visiting Fellow*, European University Institute, Florence School of Regulation, Fiesole
- Dec 2008 – Oct 2016 Assistant Professor of Economic Policy, Department of Economics and Statistics, University of Siena
- Oct 2005- Sept 2006 Post-Doc Researcher, EconomiX, University Paris X, Paris
- Oct 2005- Nov 2008 Post-Doc Researcher, Department of Economics, University of Siena
- Oct 2004-June 2006 Researcher, CERM Foundation, Rome [Research for the *WHO Commission on Intellectual Property Rights, Innovation and Public Health (CIPIH)*]
- Gen-Feb 2004 *Visiting scholar*, Santa Fe Institute, Santa Fe, NM (US)
- Aug-Dec 2003 *Visiting scholar*, Department of Economics, Berkeley University, Berkeley, CA (US)
- Oct 1999- July 2000 *Visiting student*, Pembroke College, Oxford, UK

RESEARCH INTERESTS

- Innovation, Competition Policy and Regulation, Economics of Digital Industries, Economic analysis of law and institutions.

EDUCATION

- Nov 2001- Apr 2005 Ph.D. in *Law and Economics*, University of Siena.
- Oct 1996 – Sept 2001 Undergraduate degree in Economics, University of Siena.

MEMBERSHIPS

- Member of the *European Association of Law and Economics*, the *International Society of New Institutional Economics* and the *Italian Society of Law and Economics*
- Member of the Directive of the Italian Academy of the Internet Code (<http://www.iaic.it>)
- Member of the Aspen Institute Italy ("*Former Aspen Junior Fellow*")
- Member of the *Young Leaders Program* of the US-Italy Council

NON-ACADEMIC AND DIFFUSION-ORIENTED ACTIVITIES

- Director of Media and Communications Area from June 2010 to July 2012 and Director of Innovation from February 2006 to May 2010 at Istituto per la Competitività (Rome), a non-profit organization devoted to improving Italy's competitiveness (www.i-com.it).

RESEARCH PROJECTS

- Research project PRIN-PNRR 2022-2025 "Misallocation and Techniques in Agricultural gap Determinants Analysis" (MITAD)
- Research project PRIN 2022-2025 "AUTOMation, PROductivity and Wage INequality (AUTOPROWIN): Firms and Workers in Times of Economic Turmoil"
- Research Project "Strengthening EU Digital Competitiveness: Stocking the Engine" (with Scott Markus), Center for a Digital Society, European University Institute.
- Research Project "Study on media plurality and diversity online", financed by the European Commission (CNECT/2020/OP/0099)
- Research Project PRIN 2017 "Lost highway: skills, technology and trade in Italian economic growth, 1815-2018".

- Research Project “The future of Broadband Policy, part 2: Technological Neutrality, Path Dependency and Public Financing”, Florence School of Regulation, European University Institute in 2017
- Research Project “The Future of Broadband Policy: Public Targets and Private Investments”, Florence School of Regulation, European University Institute in 2015
- Research Project “Broadband Drivers and Policies”, commissioned by the Independent Regulators Group (IRG) in 2011
- Research Project “Infrastrutture e Servizi a Banda Larga e Ultra Larga (ISBUL)” (sub-project “Governance di Sistema”), commissioned by the Italian Communications NRA in 2009
- Research Project “Fair Competition Development in the Financial Sector of the Russian Federation through Reduced Participation of Federal and Regional State Authorities in the Capital of Financial Institutions”, within the *Twinning Project Italy-Russia* coordinated by the Treasury Department of the Ministry of Economics and Finance in 2007
- Research Project RefGov - Reflexive Governance in The Public Interest - VI Framework Programme
- Research Project “Linking Regions and Central Governments: Contracts for Regional Development”, commissioned by the OECD Public Governance and Territorial Development Directorate in 2006.
- Research Project PRIN 2005-2007 - Vantaggio Istituzionale Comparato, Proprietà Intellettuale e Globalizzazione dei Mercati
- Research Project PRIN 2002-2004 - Il governo della proprietà intellettuale: incompletezza contrattuale, complementarità istituzionale e politiche alternative dell'innovazione e dello sviluppo

PUBLICATIONS

Articles on peer-reviewed journals

- [1] Martina Cioni and Maria Alessandra Rossi “Exploring Pluralist Pedagogies in Economics: New Empirical Evidence”, *International Journal of Pluralism and Economics Education* 16(1), DOI: [10.1504/IJPEE.2026.10075222](https://doi.org/10.1504/IJPEE.2026.10075222)
- [2] Pier Luigi Parcu, David Silei, Maria Alessandra Rossi “FRAND Licensing of Standard-Essential Patents: Comparing Realistic Ex-Ante and Ex-Post Contracts”, 2025, *B.E. Journal of Economic Analysis and Policy*, vol. 25(2), 153-176 <https://doi.org/10.1515/bejeap-2023-0271>
- [3] “EU technology-specific industrial policy: the case of 5G and 6G”, 2024, *Telecommunications Policy*, 102639, <https://doi.org/10.1016/j.telpol.2023.102639>.
- [4] Pier Luigi Parcu, Maria Alessandra Rossi, Niccolò Innocenti & Chiara Carrozza, 2023, How real will the metaverse be? Exploring the spatial impact of virtual worlds, *European Planning Studies*, DOI: 10.1080/09654313.2023.2221323.
- [5] “Innovation in 5G technology: leadership, competition, and policy issues” (with Pier Luigi Parcu and Tim Brennan), 2022, *Telecommunications Policy*, vol. 46(4), <https://doi.org/10.1016/j.telpol.2022.102349>.
- [6] Maria Alessandra Rossi (2022) “Brevetti, ricerca pubblica e disuguaglianza alla luce della pandemia da Covid-19”, *Rivista delle Politiche Sociali* 2/2022, p.87-103.
- [7] “The advent of 5G and the non-discrimination principle”, 2021, *Telecommunications Policy*, <https://doi.org/10.1016/j.telpol.2021.102279>
- [8] “Platform-mediated reputation systems in the sharing economy and incentives to provide service quality: the case of ridesharing services” (with Marcello Basili), *Electronic Commerce Research and Applications*, volume 39, January-February 2020.
- [9] “Come sorridere anche noi: accesso alle conoscenze, crescita economica, e riduzione delle disuguaglianze” (with Ugo Pagano), *L'industria, Rivista di economia e politica industriale*, 4/2019, pp. 693-717, DOI: 10.1430/95937.
- [10] “Brassica carinata-derived biodiesel production: economics, sustainability and policies. The Italian case” (with Marcello Basili), *Journal of Cleaner Production*, Volume 191, 1 August 2018, pp. 40-47
- [11] “Open science ed economia della conoscenza: i paradossi della crescita come obiettivo della scienza” (with Ugo Pagano), *Notizie di Politeia*, Anno XXXIII - N. 126
- [12] “Economía del conocimiento, crisis y depresión” (with Ugo Pagano), *Revista de Economía Institucional* 19, 36, 2017. DOI: <http://dx.doi.org/10.18601/01245996.v19n33.03>
- [13] “Corporate Governance Effects on Innovation when both Agency Costs and Asset Specificity Matter” (with Filippo Belloc and Eleonora Laurenza), 2016, *Industrial and Corporate Change*, 1-23, <https://doi.org/10.1093/icc/dtw009>.
- [14] “Appropriability and Incentives with Complementary Innovations” (with Massimo D’Antoni), 2014, *Journal of Economics and Management Strategy* 23(1), pp.103-124, <https://doi.org/10.1111/jems.12040>.
- [15] “Spectrum Crunch vs. Spectrum Sharing: Exploring the ‘Authorised Shared Access’ Model” (with Antonio Nicita), 2013, *Communications and Strategies*, 90, pp.3-20.
- [16] “Whither Policy Design for Broadband Penetration? Evidence from 30 EU countries” (with Filippo Belloc and Antonio Nicita), 2012, *Telecommunications Policy* 36(5), pp.382-398.
- [17] “Reverse Payment Settlements in the Pharmaceutical Sector: A European Perspective” (with Pier Luigi Parcu), 2011, *European Journal of Risk and Regulation* 2(2), 260-262. ISSN 1867-299X
- [18] “The Crash of the Knowledge Economy” (with Ugo Pagano), 2009, *Cambridge Journal of Economics*, 33, 665–683. <https://doi.org/10.1093/cje/bep033>

- [19] “Patent disclosures and R&D competition in pharmaceuticals”, 2009, (with Laura Magazzini, Fabio Pammolli and Massimo Riccaboni), *Economics of Innovation and New Technologies*, 18(5), 467–486.
<https://doi.org/10.1080/10438590802547183>
- [20] “Access to Audio-Visual content, exclusivity and anticommons in new media markets”, 2008, (with Antonio Nicita), *Communications and Strategies*, n. 71(3), 79-101.
- [21] “Intellectual Property Rights, Technological Regimes and Market Dynamics”, 2005 (with Fabio Pammolli), *Economia e Politica Industriale* n.2/2005. ISSN: 0391-2078
- [22] “Intellectual Property Rights, Incomplete Contracts and Institutional Complementarities”, 2004 (with Ugo Pagano), *European Journal of Law and Economics* 18(2).

Edited Books

- [23] "Research Handbook on Competition and Technology", 2025, Marco Botta, Pier Luigi Parcu and Maria Alessandra Rossi (eds), Edward Elgar Publishing, Cheltenham, UK.

Articles on international peer reviewed books

- [24] Di Bucchianico, Rossi (2025), 'Rising Corporate Market Power, Technological Change and Competition Policy.' in Marco Botta, Pier Luigi Parcu and Maria Alessandra Rossi (eds), *Research Handbook in Competition & Technology*, Edward Elgar Publishing, Cheltenham, UK.
- [25] Parcu, Rossi, Botta (2025), 'Competition and Technical Change: Looking back to Understand What Lies Ahead.' in Marco Botta, Pier Luigi Parcu and Maria Alessandra Rossi (eds), *Research Handbook in Competition & Technology*, Edward Elgar Publishing, Cheltenham, UK.
- [26] Pier Luigi Parcu, Niccolò Innocenti, Chiara Carrozza, Anna Renata Pisarkiewicz and Maria Alessandra Rossi, 2023, “The rise of e-Commerce Platforms in the Parcel Delivery Markets”, in P.L. Parcu, T.J. Brennan and V. Glass, *The Postal and Delivery Contribution in Hard Times*, Springer.
- [27] “5G and the European competitiveness challenge: the case for demand-side innovation policies”, 2022, in *EU Leadership in 5G and 6G: Competition, Security, and Network Architecture*, E. Bohlin and F. Cappelletti (ed.), ELF Techno-economic Series, ISBN: 978-2-39067-034-6/9782390670346.
- [28] “Technology and the shifting boundaries of regulation and competition in the EU telecommunications sector”, 2022, in *The Interaction of Competition Law and Sector Regulation: Emerging Trends at the National and EU Level*, P.L. Parcu, G. Monti, M. Botta (eds.), Edward Elgar Publishing, Cheltenham, UK.
- [29] “Policy changes to strengthen the protection of media freedom and media pluralism in the EU” (with Pier Luigi Parcu), 2021, in *Handbook of Media Law and Policy*, E. Brogi and P.L. Parcu (eds.), Edward Elgar Publishing, Cheltenham, UK.
- [30] "The passing-on principle in EU private antitrust enforcement – a policy at war with itself?" (with Pier Luigi Parcu), 2021, *Economic Analysis in EU Competition Policy: Recent Trends at the National and EU Level*, P.L. Parcu, G. Monti, M. Botta (eds.), Edward Elgar Publishing, Cheltenham, UK.
- [31] “State Aid Policy in The Broadband Sector: Public Announcements, Investments and Crowding Out” (with Pier Luigi Parcu), 2020, *EU State aid law: Emerging trends at the national and EU level*, P.L. Parcu, G. Monti, M. Botta (eds.), Edward Elgar Publishing, Cheltenham, UK.
- [32] “The role of economics in EU private antitrust enforcement. theoretical framework, empirical methods and practical issues.”, 2018, in *Private Enforcement of EU Competition Law: the Impact of the Damages Directive*, P.L. Parcu, G. Monti, M. Botta (eds.), Edward Elgar Publishing, Cheltenham, UK.
- [33] “The knowledge economy, the crash and the depression” (with Ugo Pagano), 2017, in *The Routledge Handbook of the Political Economy of Science*, D. Tyfield, R. Lave, S. Randalls and Charles Thorpe (eds), Routledge, London.
- [34] “Incomplete Contracts”, 2014, in J. Backhaus (ed.) *Encyclopedia of Law and Economics*, Springer, Londra. ISBN 9781461477525, DOI: 10.1007/978-1-4614-7753-2_83.
- [35] "The Institutional Design of European Competition Policy" (with Antonio Manganelli and Antonio Nicita), 2014, in *The Manufacturing of Markets*, E. Brousseau and J. M. Glachant (eds.), Cambridge University Press, London. ISBN: 9781107053717
- [36] “Negotiated foreclosure and IPRs: recent developments” (with Pier Luigi Parcu), 2012, in *Competition Law and Intellectual Property: A European Perspective*, Caggiano, G., Muscolo, G. e M. Tavassi (ed.), Kluwer Law International, Alphen aan den Rijn. ISBN: 9789041134479
- [37] "Property rights in the knowledge economy: an explanation of the crisis" (with Ugo Pagano), 2011, *The Global Crisis. New Perspectives on the Critique of Economic Theory and Policy*, E. Brancaccio and G. Fontana (eds.), Routledge, London. ISBN: 9780415586610
- [38] “Italian Case Study” (with Ugo Pagano), 2007, in *Linking Regions and Central Governments: Contracts for Regional Development*, Parigi, OCSE. ISBN: 9789264008731, doi: 10.1787/9789264008755-en
- [39] “Decoding the Open Source Puzzle: A Survey of Theoretical and Empirical Contributions”, 2006, in J.Bitzer and P.Schroder (eds.), *The Economics of Open Source Software Development: Analyzing Motivation, Organization, Innovation and Competition in the Open Source Software Revolution*, Elsevier Press. ISBN: 0444527699, doi:10.1016/B978-044452769-1/50002-0

Articles on Italian books

- [40] “Il ruolo delle piattaforme nell’economia dei big data”, 2017, in Valeria Falce, Gustavo Ghidini e Gustavo Olivieri (ed.), *Informazione e Big Data fra Innovazione e Concorrenza*, Giuffrè Editore, ISBN 978-88-14-22428-7.
- [41] “Strumenti alternativi per il finanziamento delle infrastrutture: il caso dei fondi infrastrutturali” (with Americo Todisco), 2009, in Giulio Napolitano e Alfredo Macchiati (ed.) *“E’ possibile realizzare le infrastrutture in Italia”*, Il Mulino, Bologna. ISBN: 9788815132826.
- [42] “L’accesso ai contenuti: quale approccio regolatorio?” (with Antonio Nicita), 2008, in A.Nicita, G.Ramello and F.Silva (eds.) *Economia della Nuova Televisione*, Bologna, Il Mulino. ISBN: 9788815124616.
- [43] “Innovazione, Conoscenza ed Allocazione dei Diritti di Proprietà Intellettuale nelle Reti di Imprese”, 2004, in Fabrizio Cafaggi (ed.), *Reti di Imprese tra Regolazione e Norme Sociali*, 337-380, Il Mulino, Bologna. ISBN: 9788815142474, doi: 10.978.8815/142474.

Technical Reports

- [44] Marcus, J. Scott, Rossi, Maria Alessandra, Mazzoni, Leonardo, Parcu, Pier Luigi, The impact of EU online platform regulation on EU productivity : a preliminary assessment, EUI, RSC, Research Project Report, 2025, Centre for a Digital Society - <https://hdl.handle.net/1814/77893>
- [45] Marcus, J. Scott, Rossi, Maria Alessandra, Strengthening EU digital competitiveness : stoking the engine, EUI, RSC, Research Project Report, 2024, Centre for a Digital Society - <https://hdl.handle.net/1814/76877>
- [46] Pier Luigi Parcu and Maria Alessandra Rossi, Reconsidering the global dimension in regulating innovation, in MAJCHER, Klaudia (Ed.), *Charting The Digital And Technological Future Of Europe : What Priorities For The European Commission In 2024-2029?*, EUI, [RSC], Report, 2024 - <https://hdl.handle.net/1814/77607>
- [47] Galli, Niccolò, Botta, Marco, Carlini, Roberta, Da Costa Leite Borges, Danielle, Marcus, J. Scott, Mazzoni, Leonardo, Menéndez González, Natalia, Parcu, Pier Luigi, Pisarkiewicz, Anna Renata, Rossi, Maria Alessandra, Cds Position Statement On The Uk Intellectual Property Office’s Consultation On Standard Essential Patents, EUI, RSC, Working Paper, 2025/42, Centre For A Digital Society - <https://hdl.handle.net/1814/93723>
- [48] Cholodecki, Mateusz, Pisarkiewicz, Anna Renata, Parcu, Pier Luigi, Botta, Marco, Mazzoni, Leonardo, Galli, Niccolò, Menéndez González, Natalia, Rossi, Maria Alessandra, Cds Position Statement On The European Commission’s Call For Evidence For An Impact Assessment On The EU Delivery Act, EUI, RSC, Working Paper, 2025/57, Centre For A Digital Society - <https://hdl.handle.net/1814/94223>
- [49] Parcu, Pier Luigi, Brogi, Elda, Verza, Sofia, Da Costa Leite Borges, Danielle, Carlini, Roberta, Trevisan, Matteo, Tambini, Damian, Mazzoli, Eleonora Maria, Klimkiewicz, Beata, Broughton Micova, Sally, Petković, Brankica, Rossi, Maria Alessandra, Stasi, Maria Luisa, Valcke, Peggy, Lambrecht, Ingrid, Irion, Kristina, Fahy, Ronan, Idiz, Daphne, Meiring, Arlette, Seipp, Theresa, Poort, Joost, Ranaivoson, Heritiana, Afilipoaie, Adelaida, Domazetovikj, Nino, Study on media plurality and diversity online : final report, European Commission, Directorate-General for Communications Networks, Content and Technology, September 2022 - <https://hdl.handle.net/1814/75099>
- [50] Galli, Niccolò, Botta, Marco, Carlini, Roberta, Da Costa Leite Borges, Danielle, Filistrucchi, Lapo, Mazzoni, Leonardo, Menéndez González, Natalia, Parcu, Pier Luigi, Pisarkiewicz, Anna Renata, Rossi, Maria Alessandra, Position Statement On The Joint Ita–Nist–Uspto Collaboration Initiative Regarding Standards : Notice Of Public Listening And Request For Comments, EUI, RSC, Working Paper, 2023/63, Centre For A Digital Society - <https://hdl.handle.net/1814/76080>
- [51] Galli, Niccolò, Nikolic, Igor, Botta, Marco, Carlini, Roberta, Carrozza, Chiara, Da Costa Leite Borges, Danielle, Filistrucchi, Lapo, Mazzoni, Leonardo, Menéndez González, Natalia, Parcu, Pier Luigi, Pisarkiewicz, Anna Renata, Rossi, Maria Alessandra, Position Statement On The European Commission’s Proposal For A Seps Regulation, EUI, RSC, Working Paper, 2023/51, Centre For A Digital Society - <https://hdl.handle.net/1814/75810>
- [52] Nikolic, Igor, Galli, Niccolò, Botta, Marco, Carrozza, Chiara, Filistrucchi, Lapo, Innocenti, Niccolò, Parcu, Pier Luigi, Pisarkiewicz, Anna Renata, Rossi, Maria Alessandra, Solidoro, Silvia, Position Statement On The European Commission’s Call For Evidence For An Impact Assessment On Standard-Essential Patents, EUI RSC, 2022/43, The Florence School Of Regulation, Communication & Media - <https://hdl.handle.net/1814/74729>
- [53] Bourreau, Marc, Cambini, Carlo, Hoernig, Steffen, Parcu, Pier Luigi, Rossi, Maria Alessandra, Silvestri, Virginia, The Future Of Broadband Policy, Part 2 : Technological Neutrality, Path Dependency And Public Financing, Florence School Of Regulation, Communications And Media, 2017/01 - <https://hdl.handle.net/1814/46724>

WORK IN PROGRESS

- [54] Maria Alessandra Rossi, “Aggregate Market Power: Measurement, Drivers, and Macroeconomic Effects”, *revise&resubmit, Journal of Economic Surveys*.
- [55] Cristina Salvioni and Maria Alessandra Rossi, “Policy Distortions and Resource Misallocation in Agriculture: Evidence from Italian Cereal Farms under the Post-2013 CAP Reform”, *mimeo*, University G. D’Annunzio of Chieti-Pescara.

[56] Massimo Del Gatto, Matteo Rapagna, and Maria Alessandra Rossi, “Farm size, governance, and misallocation in advanced agriculture. Evidence from Italy”, *mimeo*, University G. D’Annunzio of Chieti-Pescara.

[57] Maria Alessandra Rossi, Marco Botta, Pier Luigi Parcu and Scott Marcus, “Economics by design: sequencing expertise in the Digital Markets Act”, *mimeo*, European University Institute.

SELECTED LECTURES AND PRESENTATIONS

- She has given presentations and invited lectures at Columbia University, the European Commission (DG-Connect), the European Parliament (Bruxelles), the Comisión Nacional de los Mercados y de la Competencia, the Autoridade Nacional de comunicações, Ivey Business School, LUISS Guido Carli, the CESPRI at Bocconi University (Milan), the Italian Ministry of Health (Roma), the European Summer School on New Institutional Economics (Cargèse, Corse), ATOM-Sorbonne (Paris), the French Conseil d’Etat, EconomiX (Paris V), School for Biotech Industrial Innovation Management and EconFarma (Siena), EALE, ISNIE, SIDE-ISLE, SIEPI and SERCI.