Short CV

Antonio Zinilli, Ph.D.

Address: Via dei Taurini, 19, Rome, Italy; Phone: +390649937858

Email: antonio.zinilli@ircres.cnr.it

RESEARCH INTEREST

• Theories   Network Science, Proximity

• Methods   Graph Theory, Dynamic models, Spatial Networks

 • Applications   R&D Funding, Innovation, Social-economical System, Career Trajectories

Antonio Zinilli holds a PhD, M.A. and B.A. in Social Sciences from the University "La Sapienza" of Rome. He is researcher at the Research Institute on Sustainable Economic Growth, National Research Council (CNR) in Rome, Italy. He has been adjunct Professor of Social Sciences at Sapienza University and Visiting Fellow at the Austrian Institute of Technology (AIT) in 2015 and at the Leiden University in 2019.

He is coordinator of IRCrES School (Rome unit) in "Data Science: tools and methods for analysing complex Science, Technology and Innovation (STI) systems".

His research, based on an interdisciplinary approach, focuses on R&D funding, dynamic networks, dynamic processes on complex networks. He has a particular interest in the analysis and the modeling of knowledge spreading processes as well as the dynamics about R&D funding. He published and served as referee in several international journals and has participated in several European and Italian national projects.

PUBLICATIONS

JOURNAL PAPERS [Google Scholar]

A. Filippetti, P. Gkotsis, A. Vezzani, A. Zinilli (2020), are innovative regions more resilient? Evidence from Europe in 2008-2016, Econ Polit (2020). https://doi.org/10.1007/s40888-020-00195-4

Zinilli, A. and De Marchi, M. (2020) 'Value-added in high technology and industrial basic research: a weighted network observing the trade of high-tech goods', Int. J. Computational Economics and Econometrics, Vol. 10, No. 4, pp.398–418.

Zinilli, A. Imputation methods for estimating public R&D funding: evidence from longitudinal data. Qual Quant (2020). https://doi.org/10.1007/s11135-020-01023-4

A. Zinilli, A. O. Spinello e E. Reale (2019), Finanziamento e valutazione della ricerca pubblica: l'approccio performance-based. Welfare & Ergonomia, ISSN 2421-3691, ISSNe 2531-9817, 2019, 1

E. Reale e A. Zinilli, (2019), Ex-ante evaluation of research project funding: what is the importance of scientific quality? Welfare & Ergonomia, ISSN 2421-3691, ISSNe 2531-9817, 2019, 1

E. Reale e A. Zinilli, (2019), Interdisciplinarity in academic research? Evidences from competitive project funding Welfare & Ergonomia, ISSN 2421-3691, ISSNe 2531-9817, 2019, 1

L. Morettini, E. Reale e A. Zinilli (2019), Carriere e mobilità dei ricercatori nelle scienze sociali e umane: un percorso differente? Welfare & Ergonomia, ISSN 2421-3691, ISSNe 2531-9817, 2019, 1

C. Claroni, M. Covotta, G. Torregiani, A. Naccarato, G. Tuderti, G. Simone, A. Scotto di Uccio, A. Zinilli, E. Forastiere, Recovery from anesthesia after robotic-assisted radical cystectomy: two different reversal of neuromuscular blockade, Journal of Clinical Medicine, 2019

M.Covotta, C.Claroni, M. Costantini, G. Torregiani, L. Pelagalli, A. Zinilli, E. Forastiere, The Effects of Ultrasound-Guided Transversus Abdominis Plane Block on Acute and Chronic Postsurgical Pain After Robotic Partial Nephrectomy: A Prospective Randomized Clinical Trial, Pain Medicine, pnz214, 2019, https://doi.org/10.1093/pm/pnz214

Morettini L., Primeri E., Reale E., Zinilli A., Career mobility of PhD holders in Social Sciences and Humanities: evidences from the POCARIM project, International Journal Computational Economics and Econometrics, Vol. 9, Nos. 1/2, 2019 - IJCEE V9 N1/2 2019

Reale E., Morettini L., Zinilli A., (2018), Moving, remaining, and returning: international mobility of doctorate holders in the social sciences and humanities, Higher Education, pp 1-16. https://doi.org/10.1007/s10734-018-0328-0

Emanuela Reale, Antonio Zinilli; Evaluation for the allocation of university research project funding: Can rules improve the peer review? Res Eval (2017) 26 (3): 190-198 doi: 10.1093/reseval/rvx019

Zinilli A. et al., (2017), A Prospective, Randomized, Clinical Trial on the Effects of a Valveless Trocar on Respiratory Mechanics During Robotic Radical Cystectomy: A Pilot Study. Anesthesia & Analgesia - LWW Journals. Doi: 10.1213/ANE.0000000000002027

Zinilli, A. and Cerulli, G. (2017) datanet: a Stata routine for organising a dataset for network analysis purposes, Int. J. Computational Economics and Econometrics, Vol. 7, No. 4, pp.454–462

Emanuela Reale, Antonio Zinilli (2016), La valutazione dei Programmi di ricerca di interesse nazionale PRIN: quali criteri usa la comunità scientifica? in "RIV Rassegna Italiana di Valutazione" 64, pp. 27-52, DOI:10.3280/RIV2016-064003

Zinilli A. (2016), Competitive project funding and dynamic complex networks: evidence from Projects of National Interest (PRIN), Scientometrics, Volume 108, Issue 2, pp 633–652

Reale E., Zinilli A. (2014), I test sulle competenze generaliste dei laureati italiani: uno strumento per valutare la qualità dell'Università?", RIV Rassegna Italiana di Valutazione ,p. 78-103, a.XVIII, n. 59

Book chapters

E. Relae, A. Zinilli (2019), La partecipazione italiana ai programmi quadro europei: la struttura delle reti di collaborazione (pp. 21-46), in "Relazione sulla Ricerca e l'Innovazione in Italia", Cnr Edizioni CODICE ISBN 9788880803577.

Reale E., Lepori B., Spinello A. O., Zinilli A., Topics of social relevance in research project funding instruments: evidences from European countries, 23rd International Conference on Science and Technology Indicators (STI 2018), September 12-14, 2018, Leiden, The Netherlands

Reale, E., Spinello, A., & Zinilli, A. Woolley, Richard (Ed.). (2016). The Determinants of National Funding in Trans-national Joint Research: Exploring the Proximity Dimensions. Spain: Editorial Universitat Politecnica de Valencia.

Reale E., Zinilli A., (2016), Gender equality and evaluation: do fields of science matter? in Rafols I., Molas-Gallart J., Castro-Martínez E., Woolley R. (ed.), "Proceedings of the 21st International Conference on Science and Technology Indicators" (pp. 803-807), Editorial Universitat Politècnica de Valencia, ISBN: 978-84-9048-519-4 (print version), DOI: http://dx.doi.org/10.4995/STI2016.2016.4543.

Morettini L., Primeri E., Reale E., Zinilli A. (2016). "Career trajectories of PhD graduates in the social sciences and humanities: drivers for career moves" In Veiga A., Magalhães A, Sarrico C.S., Rosa M. J., Teixeira P. N., Carvalho T. Global Challenges, National Initiatives, and Institutional Responses: The Transformation of Higher Education, Sense Publisher, Rotterdam, p. 205-236.

Zinilli A. (2012), "L'energia nucleare nella stampa quotidiana italiana", In: Da Chernobyl a Fukushima passando per Scanzano. Opinione pubblica e nucleare in Italia, p.141-146, ROMA: DATANEWS Editrice s.r.l. ISBN: 8879813951.

Zinilli A. (2012), "L'incidente di Fukushima e il referendum", In: Da Chernobyl a Fukushima passando per Scanzano. Opinione pubblica e nucleare in Italia, p.177-190, ROMA: DATANEWS Editrice s.r.l. ISBN: 978-88-7981-395-2.

Software

Zinilli, A. and Cerulli, G. (2017) datanet: a Stata routine for organising a dataset for network analysis purposes, Int. J. Computational Economics and Econometrics, Vol. 7, No. 4, pp.454–462

Other publications and scientific reports

Filippetti A., Gkotsis P., Vezzani A., Zinilli A. (2019). How to survive an economic crisis? Lessons from the innovation profiles of EU regions. European Commission, Seville, Spain, JRC115664.

Reale, E., Spinello A., Zinilli, A. (2018), Deliverable 22.3 (WP22). Policy Brief on JoREP based indicators and issues for lasting maintenance of JoREP RISIS – Research infrastructure for research and innovation policy studies, EU FP7-INFRASTRUCTURES, grant agreement 313082. June 2018

Reale E., Scherngell T., Zahradnik G., Zinilli A. (2017), "Public Funding Country Profile Austria. Annex 1" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale E., Solberg E., Zinilli A. (2017), "Public Funding Country Profile Iceland. Annex 15" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale E., Solberg E., Zinilli A. (2017), "Public Funding Country Profile Norway. Annex 28" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale E., Zinilli A. (2017), "Public Funding Country Profile Portugal. Annex 30" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale E., Zinilli A. (2017), "Public Funding Country Profile Spain. Annex 35" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale E., Solberg E., Zinilli A. (2017), "Public Funding Country Profile Sweden. Annex 36" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale, E., Morettini, L., Zinilli, A. (2017), "Public Funding Country Profile Croatia. Annex 5" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale, E., Zahradnik, G., Scherngell, T., Morettini, L., Zinilli, A. (2017), "Public Funding Country Profile Greece. Annex 13" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Reale, E., Solberg, E., Fabrizio, S., Zinilli, A. (2017), "Public Funding Country Profile Lithuania. Annex 22" in Reale, E., Analysis of National Public Research Funding-PREF. Final Report, Luxembourg: Publications Office of the European Union, doi:10.2760/19140

Heller-Schuh, B., Bilalli-Shkodra, X., Scherngell, Reale, E., Spinello A., Zinilli, A. (2017), Deliverable 22.2 (WP22). Analysis of changes linked to new coverage, RISIS - Research infrastructure for research and innovation policy studies, EU FP7-INFRASTRUCTURES, grant agreement 313082. February 2017

Teaching

Invited speaker: 39th European/international joint PH.D. in Advanced training in the Meta-theoretical Analysis on Social Representations (2.5 hours), Sapienza University of Rome, 24th February 2020

Invited speaker: Seminary on "Social Network Analysis" (2 hours), Department of Social and Developmental Psychology, Sapienza University of Rome, 28th November 2019

Lecturer in Sociology (9ECTS - 84 teaching hours), Faculty of Medicine & Psychology, Bachelor course (Undergraduate level), academic year 2018/2019

Lecturer in Sociology (6ECTS – 48 teaching hours), Faculty of Architecture, Master course (Graduate level), academic year 2018/2019

Lecturer in Sociology (6ECTS- 48 teaching hours), Faculty of Architecture, Master course (Graduate level), academic year 2017/2018

Summer school on "Tools and methods for analysing complex Science, Technology and Innovation (STI) systems: A gentle introduction to Machine Learning (ML), Network Science (NS) and Text Mining (TM)", Roma, July 1-3, 2019 (6 hours – in English).

Lessons on "Collaborations and networking in R&D systems" and "Hands on session with exercises of Social Network Analysis". TAIEX Study Visit (EU) on "Measurement and analysis of innovation system performance in Scientific Research and Technology", 8-10 May 2018 (21 h).

2-day course on "Introduction to methods and applications to the JoREP/EUPRO database with Network Analysis approaches" - National Research Council, Rome, November 20-21 2017. (http://risis.eu/event/scb-network-analysis-jorep-eupro/)

2-day course on "Exploring JoREP 2.0: features and potential uses in the studies on Europeanisation of research activities", National Research Council, Rome, May 25-26 2017 (https://risis.eu/event/exploring-jorep2/)

2-day course on "Network analysis on the JOREP dataset", RISIS training, National Research Council, Rome, November 27-28 2015 (http://risis.eu/event/joint-and-open-research-programmes-features-and-potentialities-of-the-jorep-database/)