

PERSONAL INFORMATION

Antonio Zinilli

WORK EXPERIENCE

01/07/2020–present

Researcher (permanent position)

IRCrES–Research Institute on Sustainable Economic Growth  
19, Via dei Taurini, ROME, Rome (Italy).

14/02/2020–30/06/2020

Researcher (fixed-term contract)

IRCrES–Research Institute on Sustainable Economic Growth  
19, Via dei Taurini, ROME, Rome (Italy).

Research activities on “Study of public funding systems and processes of R&D through the application of Network Analysis techniques”.

07/01/2016–13/02/2020

Researcher fellow

IRCrES–Research Institute on Sustainable Economic Growth  
19, Via dei Taurini, ROME, Rome (Italy).

Research activities on the PREF project - Analysis of national public research funding, by theme and by type of allocation (Competitive project funding versus institutional block funding), Tender Procedure no. JRC/BRU/2014/A.1/0001/OC

03/10/2017–31/01/2020

Lecturer in Sociology, Master’s Degree Program in Architecture, Sapienza University of Rome <https://gomppublic.uniroma1.it/Docenti/Render.aspx?UID=cb3cfbbd-6d5e-4157-acc7-0f3911296084>

01/01/2019–31/01/2020

Lecturer in Sociology, Bachelor’s Degree Program in Psychology and social processes, Sapienza University of Rome

01/11/2012–31/10/2015

PhD endowed scholarship and carried out at IRCrES CNR – Research Institute on Sustainable Economic Growth (Research National Council)

IRCrES CNR – Research Institute on Sustainable Economic Growth, Rome (Italy)

**Main activities and responsibilities:** Public policy, R&D, statistics, dynamic network analysis, spatial statistics

EDUCATION AND TRAINING

01/11/2012–31/10/2015

PhD. in Sociology and Applied Social Sciences (Curriculum in Applied research in Social Sciences - Orientation: Mathematical and Statistical Methods for Social Research)

Department of social and economics sciences, "Sapienza" University of Rome, Rome (Italy)

**Thesis titled** "Patterns of change of public project funding for academic research".

**Supervisor:** Dr. Emanuela Reale

**Majors:** Research Policy and Statistics

**Dissertation defended:** 18/07/2016

**Jury’s decision:** excellent.

**Main activities during the doctoral course:** Public policy, R&D, complex systems in social and economics sciences, statistics

M.S., Master degree in Sociology, Social Research and Evaluation (Quantitative Methods Orientation)

Summa cum laude – Certificate number: 9914/250

Department of Methodology and Social Research, “Sapienza” University of Rome, Rome (Italy)

**Date of graduation:** 14/03/2012

**Thesis in:** Methodology and Techniques of Social Research

**Thesis titled:** "Nuclear power on the Italian national newspapers: empirical investigation in the referendum 2011"

**Majors:** Public Policy and Statistics

**Supervisor 1:** professor Leonardo Cannavò (Sapienza University)

**Supervisor 2:** dr. Gaetano Borrelli (ENEA - Italian National Agency for New Technologies, Energy and Sustainable Economic Development)

**Principal subjects/skills covered:** methodology and techniques of social research, evaluation of public policies, inferential statistics, political economy, network analysis, game theory, quantitative data laboratory

## B.A., Bachelor's degree in Sociology

**Protocol number:** UT000161

University of Teramo, Teramo (Italy)

**Data of graduation:** 16/07/2009

**Thesis title:** Public communication and participation in local policies for public works.

**Major:** Public Policy

**Principal subjects/skills covered:** evaluation of public policies, methodology and techniques of social research, Sociology, social statistics, economics statistics, demography, economic geography

## Training and Summer School

- 2015, October 8–10 (twenty hours) Monte Carlo and Bootstrapping simulations using STATA, Financial Intermediation Network of European Studies – University of Roma Tre
- 2015, September 23–24, Early Career Researchers: features and potentials of ProFile on STATA, Humboldt University of Berlin - Economics department
- 2015, January 8-9 (sixteen hours), Applications of Multi-level Models to Research Policy and Higher Education Studies, Università della Svizzera Italiana – Economics Department
- 2014, October 20 (eight hours), Metrics-Based Research Assessment, "Sapienza" University of Rome - School of Advanced Studies
- 2013, (twenty-five hours), Methods and objectives of the research. Advice to young researchers, C.N.R. Rome
- 2013, November 14-15 (sixteen hours) TStat S.r.l. Course in spatial statistics with STATA
- 2013 (twenty hours) "Sapienza" University of Rome Laboratory of applied mathematics– basic level with Matlab
- 2013 (twenty hours) "Sapienza" University of Rome Laboratory of applied mathematics– advanced level with Matlab
- 2013 (twenty hours) "Sapienza" University of Rome Laboratory of statistics with Spss
- 2013, June 3–7 (forty hours), TStat S.r.l. and C.N.R. Summer school in econometrics
- 2013, March 13–15, "Sapienza" University of Rome Doctoral Seminar in "After the crisis. A new possible society" with A. Touraine
- 2011, from September 12 to October 14, Forma.Temp S.r.l. Marketing course
- 2010, January 20 – 29, "Sapienza" University of Rome. Computer analysis of numerical data: "The treatment of qualitative and quantitative variables"
- 2009, February 22-26, "Sapienza" University of Rome Computer analysis of numerical data: "Linear and non-linear models for the analysis of categorical variables"

## PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

Inglese

Francese

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
Certificate of English Language at the KIC Cambridge Central (CEFR B2-Higher Intermediate level)				
A2	A2	A1	A2	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

## ADDITIONAL INFORMATION

Peer-review journal

- Spinello AO, Reale E and Zinilli A (2021) Outlining the Orientation Toward Socially Relevant Issues in Competitive R&D Funding Instruments. *Front. Res. Metr. Anal.* 6:712839. doi: 10.3389/frma.2021.712839
- Cerulli, G, Nenci, S., Salvatici, L., Zinilli A. (2021), Currency Unions and Global Value Chains: The Impact of the Euro on the Italian Value Added Exports. *Ital Econ J.* <https://doi.org/10.1007/s40797-021-00160-5>
- A. Zinilli, A. O. Spinello e E. Reale (2021), Transnational public research funding in Europe: exploring proximity dimensions in the ERA-NET programmes, *Int. J. Computational Economics and Econometrics* (Forthcoming)
- Zinilli, A. Imputation methods for estimating public R&D funding: evidence from longitudinal data. *Qual Quant* 55, 707–729 (2021). <https://doi.org/10.1007/s11135-020-01023-4>
- 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.
- 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 (Forthcoming)
- 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 Chapter and book proceeding (with review)

- 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 Politècnica 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.

#### Statistical Software Component (software)

- Antonio Zinilli & Giovanni Cerulli, 2015. "DATANET: Stata module to facilitate dataset organization for network analysis purposes," *Statistical Software Components S458033*, Boston College Department of Economics (<http://EconPapers.repec.org/RePEc:boc:bocode:s458033>).

#### Other publications and scientific reports

- Spinello, A.O., Reale, E., Zinilli, A. (2021). Design and implementation of a web survey on the effects of evaluation on academic research (CNR-IRCrES Working Paper 3/2021). Istituto di Ricerca sulla Crescita Economica Sostenibile. Disponibile da <http://dx.doi.org/10.23760/2421-7158.2021.003>
- Franco-Riquelme, J.N., Zinilli, A., Ordieres-Meré, J., & Reale, E. (2020). Innovation and communication of companies on Twitter before and during COVID-19 crisis (CNR-IRCrES Working Paper 8/2020). Istituto di Ricerca sulla Crescita Economica Sostenibile.
- 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., Schemgell 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

#### Conferences with presentation

- Zinilli A., Italian evaluation exercises in a gender perspective, 62nd Annual Conference - Italian Economic Association (SIE), Faculty of Economics "Giorgio Fuà" - Università Politecnica delle Marche, 26-29 October 2021
- Reale E., Spinello A.O., Zinilli A., The transformative power of research evaluation: effects on knowledge production. EAIR- 43rd Annual Forum 8-11 September 2021 - Humboldt University of Berlin
- Reale E., Spinello A.O., Zinilli A., The diversity of policy instruments for public R&D funding, ECPR-European Consortium for Political Research, 30 August – 3 September 2021, Virtual event
- J. F. Riquelme, A. Zinilli, J. Ordieres-Meré and E. Reale, Innovation and communication of companies on Twitter before and during COVID-19 crisis, International WebWorkshop on Computational Economics and Econometrics, July 2 2020
- A. Filippetti, P. Gkotsis, A. Vezzani, A. Zinilli, Are Innovative Regions more Resilient? Evidence from Europe in 2008-2016, 5th Geography of Innovation Conference (GEOINNO), Norway 9th - 31st January 2020
- A. Zinilli, Calling Python Scripts in Stata: a Power-Law application, XVI STATA Conference, Italia September 26-27 2019
- A. Zinilli, E. Reale, Current and Potential Use of complexity measures for Decision-Making: The Case of Transnational Research Programs in Europe, ESA Conference, Manchester (UK), 20-23 August 2019
- A. Zinilli, E. Reale, Current and Potential Use of complexity measures for Decision-Making: The Case of Transnational Research Programs in Europe, Eu-SPRI Conference, Rome (IT), June 5-7 2019
- Cerulli G., Zinilli A., Calling External Routines in Stata, XV STATA Conference, Italia Novembre 15-16 2018
- A. Filippetti, P. Gkotsis, A. Vezzani, A. Zinilli, The innovation profiles of European Regions and their resilience to the Great Recession, SMARTER Conference on Smart Specialisation and Territorial Development, 26 - 28 September Seville (Spain)
- L.Salvatici, G. Cerulli, S. Nenci, A. Zinilli, The impact of the euro on Italian trade in value added: an assessment using synthetic control method, SGH WARSAW SCHOOL OF ECONOMICS, ETSG 2018, 13-15 SEPTEMBER 2018
- G. Rossi, A. Zinilli, L. Andriani, A complex network approach to the football players' intermediaries SPORTS, DATA, & JOURNALISM, University of Zurich, October 25, 2018
- A. Zinilli, E. Reale, Reliability and transparency of ex-ante evaluation in academic project funding: the case of PRIN, 31th CHER Annual Conference, School of Economics & Management, Moscow, 7-9 Settembre 2018
- E. Reale, B. Lepori, A. Spinello, A. Zinilli, Competitive R&D funding: topics of social relevance in research project funding instruments, Eu-SPRI Conference, Paris (FR), June 6-8 2018
- Emanuela Reale and Antonio Zinilli, Transformation of ex-ante evaluation in academic project funding: The

case of PRIN, Peere Conference on Peer Review, Rome, 7-9 March 2018

- Emanuela Reale and Antonio Zinilli, Public funding of transnational research: evidences from network analysis, STI Conference - International Conference on Science and Technology Indicators, Paris, September 6 – 8 2017
- Lucio Morettini, Emanuela Reale, Antonio Zinilli, Moving or remaining: international mobility and careers of PhD holders in Social Sciences and Humanities, STI Conference - International Conference on Science and Technology Indicators, Paris, September 6 – 8 2017
- Lucio Morettini, Emanuela Reale, Antonio Zinilli, Moving or remaining: international mobility and careers of PhD holders in Social Sciences and Humanities, 30th CHER Annual Conference, University of Jyväskylä, Finland, August 28 – 30 2017
- Cerulli G, Nenci S., Salvatici L., Zinilli A., The gains to Italy of remaining in the euro, International Workshop on Computational Economics and Econometrics, Rome, June 21-23 2017
- Reale E., Zinilli A, Interdisciplinary in academic research? Evidences from competitive project funding, Eu-SPRI Conference, Vienna (AU), June 7-9 2017
- Reale E., Zinilli A., Assessing interdisciplinarity in academic research: Evidence from competitive project funding, XX Congresso Annuale AIV, Padova, April 20-22 2017
- Zinilli A., Reale E., Spinello A., ERA\_NET Programmes and dynamic networks, RISIS week Conference, Vienna, January 23-26 2017
- Zinilli A., Reale E., Spinello A., The Europeanization of research funding policies: exploring the proximity dimensions, STI Conference - International Conference on Science and Technology Indicators, València 14-16 September 2016 ([info:http://www.sti2016.org/full-programme/](http://www.sti2016.org/full-programme/)).
- Zinilli A., Reale E., Gender equality and evaluation: do fields of science matter?, STI Conference - International Conference on Science and Technology Indicators, València 14-16 September 2016 ([info:http://www.sti2016.org/full-programme/](http://www.sti2016.org/full-programme/)).
- Zinilli A., Reale E., Interdisciplinarity in academic research? Evidences from competitive project funding, 29th CHER Annual Conference, Cambridge University (Queens' College), Cambridge 5-7 September 2016 ([info:https://www5.shocklogic.com/scripts/jmevent/programme.php?client\\_Id=THE&project\\_Id=CHER2016](https://www5.shocklogic.com/scripts/jmevent/programme.php?client_Id=THE&project_Id=CHER2016)).
- Zinilli A., Morettini L., Primeri E., Reale E., Spatial mobility of PhD holders in SSH: evidence from POCARIM survey, Spatial Econometrics session, International Workshop on Computational Economics and Econometrics, Rome, June 31-1 July 2016.
- Zinilli A., Reale E., Spinello A., The Europeanization of research funding policies: new insights from the JoREP research infrastructure, RISIS week Conference, Amsterdam, January 25-29 2016
- Zinilli A., Competitive project funding and dynamic complex networks: evidence from the Italian projects of national interest (PRIN), EU-SPRI Early Career Researcher Conferences (ECC), Rome, October 14-16 2015
- Zinilli A., Morettini L., Primeri E., Reale E., Career trajectories of PhD holders in the SSH: drivers of career choices, 28th CHER Annual Conference, School of Economics & Management, Lisbon, September 7-9 2015
- Zinilli A., Morettini L., Primeri E., Reale E., Career trajectories of PhD holders in the SSH: drivers of career choices, 20th International Conference on Science and Technology Indicators, Università della Svizzera italiana, Lugano September 2-4 2015
- Zinilli A., Academic project funding and dynamic complex networks: evidence from the Italian projects of national interest (PRIN), The Complexity of Economics and the Economics of Complexity, Rome, May 28-29 2015
- Zinilli A., Morettini L., Primeri E., Reale E., Career trajectories of PhD holders in the SSH: do early career choices matter?, International Workshop on Computational Economics and Econometrics, Rome, May 28-29 2015
- Reale E., Zinilli A., Il processo di peer review nell'allocazione dei PRIN: quale è la rilevanza della qualità scientifica?!, XVIII Congresso Annuale AIV, Genova, April 17-18 2015
- Zinilli A., Cerulli G., DATANET: a Stata procedure to facilitate dataset organization for network analysis, XI STATA Conference, Milan, November 13-14 2014
- Reale E., Zinilli A., Gender equality and evaluation: virtuous or vicious relationships?, ESA Midterm Conference, Università di Napoli Federico II, Naples, October 16-17 2014
- Reale E., Zinilli A., Evaluation processes in research grant allocation: what is the relevance of scientific quality?, 27th CHER Annual Conference, National Research Council (CNR), Rome, September 8-10 2014
- Reale E., Zinilli A., Evaluation processes in research grant allocation: what is the relevance of scientific quality?, Eu-SPRI Forum Conference, Manchester (UK), June 18-20 2014
- Zinilli A., Patterns of change of public project funding for academic research, Euredocs Conference, Sciences-Po and CNRS, Paris, May 23-24 2014
- Reale E., Zinilli A., I test sulle competenze generaliste dei laureati italiani: uno strumento per valutare l'Università?!, XVII Congresso Annuale AIV, Naples, April 10-11 2014

- Reale E., Lepori B., Primeri E., Chassagneux E., Laredo P., Nedeva M., Thomas D., Zinilli A., National patterns of trans-national research: the case of joint research program, Eu-SPRI Forum Conference, Madrid, April 10-12 2013

Conferences and Seminars Moderator/Discussant

- Chair session: IWCEE - International WebWorkshop on Computational Economics and Econometrics, July 2 2020.
- Rapporteur for the 2019 Eu-SPRI Conference (2 sessions), Eu-SPRI Conference on “Science Technology and Innovation Policies for Sustainable Development Goals. Actors, Instruments and Evaluation”, Roma (IT), Giugno 5-7 2019.
- Chair session: Eu-SPRI Conference on “Science Technology and Innovation Policies for Sustainable Development Goals. Actors, Instruments and Evaluation”, Rome (IT), June 5-7 2019.
- Chair session: Eu-SPRI Early Career Researcher Conference (ECC) on "Public R&D funding and evaluation: Methods, Trends and Changes", September 26-27-28 2018, Rome (Italy).
- Chair session: IWcee18. VI International Workshop on Computational Economics and Econometrics. Rome, June 26-28, 2018.
- Discussant: EU-SPRI Early Career Researcher Conferences (ECC), Rome, October 14-16 2015 (<http://www.ircres.cnr.it/images/euspri/programme.pdf>).
- Chair session: EU-SPRI Early Career Researcher Conferences (ECC), Rome, October 14-16 2015 (<http://www.ircres.cnr.it/images/euspri/programme.pdf>).
- International seminar: Zinilli A., Academic projects funding and dynamic complex networks: evidence from Projects of National Interest (PRIN), seminar at Austrian Institute of Technology (AIT), Vienna May 6 2015.
- Chair session: "Universities in transition: shifting institutional and organizational boundaries", 27th Cher Annual Conference, National Research Council (CNR), Rome, September 8-10 2014 (<http://www.triumphgroupinternational.com/event/27thcher/program/>).
- Discussant: "Missions of higher education and research in the 21st century", Euredocs Conference, Sciences-Po and CNRS, Paris, May 23-24 2014.

Teaching

- Invited: September 6th, 2021 – CefES Center for European Studies - Giovanni Cerulli, Silvia Nenci, Luca Salvatici, and Antonio Zinilli (CNR Italy), "Currency Unions and Global Value Chains: The Impact of the Euro on the Italian Value Added Exports"
- Invited lecturer: Summer School on: "An Introduction to Machine Learning and Text Mining for economists", SIIE Società Italiana di Econometria (Bertinoro), 26-30/07/2021
- Winter School on Tools and methods for analysing complex Science, Technology and Innovation (STI) systems: A gentle introduction to Network Science (NS), Spatial Models (SM) and Machine Learning (ML), Roma, February 15-26, 2021 (12 hours – in English).
- Invited speaker: Lecturer in Social Network Analysis (SNA), doctoral course in Social Psychology, Sapienza University of Rome, December 9-10-11 2020 (12 hours)
- 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 (8 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/>)

#### Supervisor PhD student

- J. N. F.-R. (from Universidad Autonoma de Madrid, Universidad Politécnica de Madrid y Universidad Complutense de Madrid) from March 2nd to July 10th 2020

#### Thesis Advisor and Postgraduate-Scholar Sponsor

- I. F., 2017/2018, MA
- L.I., 2018/2019, BA
- N.V., 2018/2019, MA
- E.S., 2018/2019, MA

#### Participation to Italian and European projects

- 2019-2021 The effects of evaluation on academic research: knowledge production and methodological problems. PRIN project (Research projects of national interest).
- 2019-2022 - "RISIS2, Research infrastructure for research and innovation policy studies", Horizon 2020. GRANT AGREEMENT NUMBER: 824091
- PREF project - Analysis of national public research funding, by theme and by type of allocation (Competitive project funding versus institutional block funding), Tender Procedure no. JRC/BRU/2014/A.1/0001/OC.
- 2014-2017. "RISIS, Research infrastructure for research and innovation policy studies", 7th Framework Programme.
- 2012-2014. Mapping the population, careers, mobilities and impacts of advanced research degree graduates in the social sciences and humanities, 7th Framework Programme (Project ID: 290770).
- 2013, from May to October: Measuring the impact of R&D intensity and growth, connected with Innovation Union Scoreboard 2013 (IUC 2013).
- 2015-2017. PREF project - Analysis of national public research funding, by theme and by type of allocation (Competitive project funding versus institutional block funding), Tender Procedure no. JRC/BRU/2014/A.1/0001/OC.
- 2014-2017. "RISIS, Research infrastructure for research and innovation policy studies", 7th Framework Programme.
- 2012-2014. Mapping the population, careers, mobilities and impacts of advanced research degree graduates in the social sciences and humanities, 7th Framework Programme (Project ID: 290770).
- 2013, from May to October: Measuring the impact of R&D intensity and growth, connected with Innovation Union Scoreboard 2013 (IUC 2013).

#### Organization of scientific events

- Winter School on: "Tools and methods for analysing complex Science, Technology and Innovation (STI) systems: A gentle introduction to Network Science (NS), Spatial Models (SM) and Machine Learning (ML)", February 15-26 2021 CNR Rome
- IWCEE20 - VIII International Workshop On Computational Economics And Econometrics, Rome, July 2, 2020.
- IWCEE19 - VII International Workshop On Computational Economics And Econometrics, Rome, July 3-5, 2019.
- 3-days course 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)", Rome, July 1-3, 2019.
- 2019, Eu-SPRI on "Science Technology and Innovation Policies for Sustainable Development Goals. Actors, Instruments and Evaluation", Juin 5-6-7, Rome
- Eu-SPRI Early Career Researcher Conference (ECC) on "Public R&D funding and evaluation: Methods, Trends and Changes", September 26-27-28 2018, Rome (Italy).
- 2017, 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/>)

- 2017, 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/>)
- 2015, EU-SPRI Early Career Researcher Conferences (ECC) IRCRES Rome, Italy, October 14-16 2015 (<http://www.ircres.cnr.it/images/euspri/calleUSPRI.pdf>).
- 2014, “Universities in transition: shifting institutional and organizational boundaries”, 27th CHER Annual Conference, IRCrES-CNR Rome, Italy, September 8-10 (<http://www.triumphgroupinternational.com/event/27thcher/conference-board/>).
- 2014, Course on "Joint and Open Research Programmes: features and potentialities of the JOREP database", Rome, Italy, November 27-28 (<http://risis.eu/>).

#### Institutional activities and Academic appointments

- October, 2021 – Report as CNR expert on “Italian research network in the Mediterranean area: situation and outlooks for the future”. EUROPEAN MARITIME FORUM, 7-8/10/2021 ( Blue Planet Economy 2021)
- March, 2021 - Member of Scientific Committee for research fellow, Call n. IRCrES-03-2021-RM Prot. n. 0000123 Tit: VI.2 Cl: Concorsi del 25/02/2021
- January 12, 2021 - Member of Scientific Committee for research fellow, Call n. IRCrES-04-2020-RMProt. n. 0000648 Tit: VI.2 Cl: Concorsi del 02/12/2020
- December 2020 - Jury member for Thesis defense Polytechnic University of Madrid.
- Editorial board member, Springer Nature Social Sciences (SN Social Sciences), (2020-present) <https://www.springer.com/journal/43545/editors>
- Editorial board member, International Journal of computational economics and econometrics (IJCEE), (2019-present)
- Guest Editor (with G. Cerulli, G. Ferraro, A. Iovanela) of the Special Issue of IJCEE - International Journal of Computational Economics and Econometrics on Machine Learning, Artificial Intelligence, and Big Data: Methods and New Perspectives for Research and Society (forthcoming)
- Member of Scientific Committee IWCEE20 - VIII INTERNATIONAL WORKSHOP ON COMPUTATIONAL ECONOMICS AND ECONOMETRICS, Online format, July 2, 2020.
- Member of Scientific Committee IWCEE19 - VII INTERNATIONAL WORKSHOP ON COMPUTATIONAL ECONOMICS AND ECONOMETRICS, Rome, July 3-5, 2019.
- Member of Scientific Committee Eu-SPRI on “Science Technology and Innovation Policies for Sustainable Development Goals. Actors, Instruments and Evaluation”, Juin 5-6-7, Rome
- January 2019 - Member of the Commission in the graduation phase for the Master Program in Architecture at Sapienza University of Rome.
- European Commission - TAIEX: Expert Mission on “Measurement and analysis of innovation system performance in Scientific Research and Technology”. Technical Assistance and Information Exchange instrument of the European Commission.
- January 2018 - Member of the Commission in the graduation phase for the Master Program in Architecture at Sapienza University of Rome.
- October 2018 - Member of the Commission in the graduation phase for the Master Program in Architecture at Sapienza University of Rome.

#### Assignments and current research

- **Research project** under Horizon2020 Program "Research infrastructure for research and innovation policy studies" (2019-2022). Reference number: 824091 (<https://www.risis2.eu/wp-content/uploads/2019/03/Grant-Agreement-824091-RISIS-2.pdf>)
- **Research project** (2019-2021) **of relevant national interest** (PRIN) on “The effects of evaluation on academic research” funded by Italian Ministry of Education
- **IFAD Research project** (30/10/2019 to 31/12/2019) on “Innovation Challenge Leveraging Artificial Intelligence and Big Data”
- **Research project** on PREF (2014-2017) - Analysis of national public research funding, by theme and by type of allocation (Competitive project funding versus institutional block funding), Tender Procedure no.

JRC/BRU/2014/A.1/0001/OC

- **Research project** under FP7 European Framework Program "Research infrastructure for research and innovation policy studies" (2014-2017). Reference number: 313082 ([http://cordis.europa.eu/project/rcn/111449\\_en.html](http://cordis.europa.eu/project/rcn/111449_en.html))
- **Visiting researcher:** from 16/12/2019 to 21/12/2019, Leiden University – Centre for Science and Technology Studies.
- **Visiting scholar:** from 15/02/2015 to 15/05/2015, Austrian Institute of technology (AIT) - Department of Innovation Systems, Vienna.
- **Referee:** International Journal of Computational Economics and Econometrics (from September 2014); the Open Cybernetics and Systemics Journal (from June 2016); Research Evaluation (from February 2017); Journal of Business Research (from April 2019), Higher Education Journal (from September 2019), World Journal of Surgical Oncology (from October 2019), International Journal of Anesthetics and Anesthesiology (from December 2019), Journal of Clinical Anesthesia (from October 2020), Italian Economic Journal (from September 2020), Journal of Informetrics (from October 2019), Quality&Quantity (from September 2021).
- **Research group:** GRAPE - Research Group on the Analysis of Economic Policies, National Research Council (CNR); RISIS- Research infrastructure for research and innovation policy studies.
- **Head of the School** on Data Science at IRCRES-CNR from 2019 (Rome headquarters).

#### Scholarship and Awards

- 2019 Summer School Chair - "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)" (funding received 2.500 €).
- Elsevier Reviewer recognition for high-quality review (May 2019).
- 2018 Conference Chair - Eu-SPRI Early Career Researcher Conference (ECC) - "Public R&D funding and evaluation: Methods, Trends and Changes" (funding received).
- 2014 Eu-SPRI Phd Circulation Award (first place) - Area of science and innovation policy studies - Phd Circulation Award (€ 2.000) - Visiting scholar at Austrian Institute of technology (AIT), Vienna (three months)
- 1/11/2012 - 31/10/2015 Italian Ministry for University and Research: PhD scholarship
- 2010-2011 Scholarship for university formation, European Funds (€ 9.000)
- 2004-2008 Scholarship for excellence in studies (€ 3.600).

#### Professional experiences and posts held as consultant

- 27/09/2021 al 30/09/2021, (9 hours) Consultancy for teaching TStat s.r.l. (Stata Software), "Introduction to the Python Language from Stata".
- 11/01/2021 al 22/01/2021, (18 hours) Consultancy for teaching TStat s.r.l. (Stata Software), "Social Network Analysis".
- 25/02/2020 al 26/02/2020, (14 hours) Consultancy for teaching TStat s.r.l. (Stata Software), "Social Network Analysis".
- 30/10/2019 to 31/12/2019, Consultancy with IFAD (International Fund for Agricultural Development). Project: "Innovation Challenge Leveraging Artificial Intelligence and Big Data".
- 12/11/2018 to 31/12/2018, Consultancy with IFAD (International Fund for Agricultural Development). Project: "IFAD10 Impact Assessments of IFAD-funded projects in Tanzania"
- 10/08/2018 to 10/09/2018, Consultancy with IFAD (International Fund for Agricultural Development). Project: "IFAD10 Impact Assessments of IFAD-funded projects in Tanzania"
- June-July 2018, Research collaboration with IFAD (International Fund for Agricultural Development). Project: "IFAD10 Impact Assessments of IFAD-funded projects in Tanzania"
- From June 2016 to present, research collaboration (as statistician) in the medical field
- 2015, Consulting job in collaboration with Università Cattolica del Sacro Cuore, NOVACOOP project (Social Network analysis)
- 2013, from May to October: Report for the European Commission: statistical analysis (Inferential statistics analysis) on: Measuring the impact of R&D intensity and growth, connected with Innovation Union Scoreboard 2013 (IUC 2013)
- 2012, from January 15 to June 1: statistical analysis of online traffic, Html.it (tag advertising), Rome
- 2011, from March 1 to July 1: research collaboration with the Department of methodology and technique of

social research, "Sapienza" University of Rome

- 2008, from April 1 to June 7: employee fiscal services, C.G.I.L. s.r.l. Viale F. Crispi, Teramo

#### Technical Skills

- Statistical Software Packages (advanced user): STATA, R, SPSS, UCINET, NODEXL, GEPHI and PYTHON (improving)
- R Programming: ERGM, TERGM, GERGM, Network, ggplot2, Markov Chain, Dynamic networks (SIENA)
- Network analysis, Regression Analysis, GLM, Structural equation modelling (SEM), Clustering, Factor analysis, Spatial Econometrics, Text Mining
- Office package: Excel, Word, PowerPoint