

CURRICULUM VITAE ABREVIADO (CVA)

IMPORTANT – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website.

Part A. PERSONAL INFORMATION

First name	Sergio Alejandro		
Family name	D'Antonio Maceiras		
Gender (*)	Male	Birth date (dd/mm/yyyy)	22/12/1981
Social Security, Passport, ID number	02715202-Y		
e-mail	sergio.dantonio@upm.es	URL Web	
Open Researcher and Contributor ID (ORCID) (*)	0000-0001-8320-0902		

(*) *Mandatory*

A.1. Current position

Position	Associate Professor		
Initial date	20/02/2023		
Institution	Universidad Politécnica de Madrid		
Department/Center	(Computer Systems Engineering) Sistemas Informáticos		
Country	Spain	Teleph. number	910673632
Key words	Sociology, Science Technology & Society, Social Media Analysis, Gender Studies, Ethics, Social Computing		

A.2. Previous positions (research activity interruptions, indicate total months)

Period	Position/Institution/Country/Interruption cause
2021 - 2023	Assistant professor / Computer Systems Engineering Department (Universidad Politécnica de Madrid) / promotion
2020 - 2021	Assistant professor / Departamento de Filosofía (Universidad Complutense de Madrid) / Change of Institution
2013 - 2020	associate lecturer / Departamento de Filosofía (Universidad Complutense de Madrid) / Promotion

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
PhD (Philosophy)	Universidad Complutense de Madrid/Spain	2018
Master Degree (Cultural Analysis of Communication and Knowledge)	Universidad Complutense de Madrid/Spain	2010
Bachelor Degree (Sociology)	Universidad Complutense de Madrid/Spain	2009

(Include all the necessary rows)

Part B. CV SUMMARY (max. 5000 characters, including spaces)

My research experience started in the consolidated Cibersomosaguas research group after obtaining my bachelor's degree in Sociology and while pursuing my Master's degree in Sociocultural Analysis of Knowledge and Communication. Since the beginning, his academic interests reflected a dedication to understanding the complex interplay between society and technology, predominantly cantered on one side on the dynamics of free software, collaborative knowledge, and open culture; and on the other side, in the use of Online Social Networks to perform social analysis, and in the analysis of communities in Online Social Media. In 2015 I started as adjunct professor in the Department of Philosophy and Society at UCM, where I taught Ethics and Science, Technology and Society. During these years of teaching and researching at UCM, I participated in several national and international



projects, addressing a spectrum of topics from political discourse analysis on Twitter to the application of big data methodologies in social research and gender studies (i.e. FEM2015-65834-C2-2-P, H2020-MSCA-RISE-2015, PID2020-113054GB-I00). In 2017 I made a 3 months pre-doctoral research stay at Middle East Technical University (Turkey) focused on violence against disabled women in Social Media. I finished my PhD dissertation in 2018, which delves into the production and dissemination of knowledge in scientific journals and the importance of Open Access.

Following my interest in mixing Computer Science, Artificial Intelligence and social analysis, in 2021 I change my affiliation to Universidad Politécnica de Madrid, and I joined to the AI+DA (Applied Intelligence and Data Analysis) to enhance these research interests, and to develop innovative frameworks for understanding online subjectivity/objectivity, particularly through the lens of social media analysis utilizing state-of-the art Artificial Intelligence tools and computational techniques. Since then he has contributed to projects such as MARTINI, IBERIFIER, and XAI-DisInfodemics, where his roles have ranged from interdisciplinary coordination; the analysis of machine learning models for the detection of disinformation; the use of Artificial Intelligence and social Sciences techniques for improving the understanding of political polarization or the discourses of toxic communities.

In all this time, I have published more than 20 research papers, in several International Journals, and from a wide range of disciplines (Sociology, Philosophy, Social Work, Communication, and Computer Sciences). I participated in more than 30 International Conferences, 3 as Keynote speaker, and been part of 5 European Founded projects, 5 National Plan, and 7 regionals, all of them competitive. As part of the interdisciplinary profile, I'm currently associate editor of 2 International journals: Springer-Nature Social Sciences Journal, and *Anales del Seminario de Historia de la Filosofía*. This background, and the current projects in which I am participating, are allowing me to deepen the participation of teams that innovate in the use of Artificial Intelligence for social analysis. Proof of that is that I am currently co-directing a total of 2 doctoral theses, which are due to be read in 2024 and 2025.

Part C. RELEVANT MERITS (sorted by typology)

C.1. Publications (see instructions)

1. J. Torregrosa, S. D'Antonio-Maceiras, G. Villar-Rodríguez, A. Hussain, E. Cambria, and D. Camacho, 'A Mixed Approach for Aggressive Political Discourse Analysis on Twitter', *Cognit Comput*, vol. 15, no. 2, pp. 440–465, 2023, doi: [10.1007/s12559-022-10048-w](https://doi.org/10.1007/s12559-022-10048-w).
2. H. Puente Bienvenido, D. de Haro Gázquez, and S. A. D'Antonio Maceiras, 'El Big Data como metodología de investigación social: propuestas, renuncias y dilemas desde la Sociología', *Teknokultura. Revista de Cultura Digital y Movimientos Sociales*, 2023, doi: [10.5209/tekn.83875](https://doi.org/10.5209/tekn.83875).
3. S. Núñez Puente, D. Fernández Romero, and S. D'Antonio Maceiras, 'New Discourses of Masculinity in the Context of Online Misogyny in Spain: The Use of the "Feminazi" And "Gender Ideology" Concepts on Twitter', *Sociální studia / Social Studies*, vol. 18, no. 2, Art. no. 2, Dec. 2021, doi: [10.5817/SOC2021-2-49](https://doi.org/10.5817/SOC2021-2-49).
4. S. Núñez Puente and S. D'Antonio Maceiras, 'Activismo feminista y posmachismo en la esfera pública digital', in *Prevención y Sensibilización de las Violencias Sexuales y de Género desde un Enfoque Multidisciplinar*, D. Fernández Romero, S. Núñez Puente, and M. Ruiz GArijo, Eds., Valencia: Tirant lo Blanch, 2021, pp. 223–240.
5. D. Alonso Gonzalez, S. D'Antonio Maceiras, C. Diaz Catalan, and I. Sadaba, 'Types of Older Adults ICT Users and the Grey Divide: Attitudes Matter', *revista de Cercetare si Interventie Sociala*, vol. 74, pp. 120–137, Sep. 2021, doi: [10.33788/rcis74.8](https://doi.org/10.33788/rcis74.8).
6. S. Núñez Puente, S. D'Antonio Maceiras, and D. Fernández Romero, 'Twitter activism and Ethical Witnessing: possibilities and challenges of feminist politics against gender-

- based violence', *Social Science Computer Review*, p. 089443931986489, Jul. 2019, doi: [10.1177/0894439319864898](https://doi.org/10.1177/0894439319864898).
7. F. de Lucas y Murillo de la Cueva and S. D'Antonio Maceiras, 'ICT, young people and social work: distances and opportunities', *Social Work Education*, pp. 1–12, Nov. 2019, doi: [10/ggdj5g](https://doi.org/10/ggdj5g).
 8. S. D'Antonio Maceiras, "Eppur continua a muoversi". La dinámica colonial del conocimiento científico a través de las revistas y los índices de impacto', *Geopolítica(s). Revista de estudios sobre espacio y poder*, vol. 9, no. 1, Art. no. 1, Jun. 2018, doi: [10/gd6gmw](https://doi.org/10/gd6gmw).
 9. S. D'Antonio Maceiras, 'El círculo vicioso de las revistas científicas y la progresiva irrelevancia de la ciencia pública', *Política y Sociedad*, vol. 55, no. 2, Art. no. 2, Jul. 2018, doi: [10/gftx8w](https://doi.org/10/gftx8w).
 10. P. Parra, S. A. D'Antonio Maceiras, and Á. Gordo, 'Socioeconomic and cultural characterization of drivers who do not wear seatbelts in Spain: through social networks study', *Securitas Vialis*, vol. 8, no. 1–3, Art. no. 1–3, Dec. 2016, doi: [10/gd6gmz](https://doi.org/10/gd6gmz).
 11. S. D'Antonio Maceiras, 'Estudio de las "bellas durmientes" desde la perspectiva del solucionismo', *El Profesional de la Información*, vol. 25, no. 5, Art. no. 5, Oct. 2016, doi: [10/ggdj5p](https://doi.org/10/ggdj5p).
 12. Puelles and S. D. Maceiras, 'El software libre y el Open Knowledge como comunidades de conocimiento paradigmáticas', *Utopía y Praxis Latinoamericana*, vol. 20, no. 69, pp. 83–92, 2015, Accessed: Mar. 04, 2021. <https://www.redalyc.org/articulo.oa?id=27942241007>
 13. Jerez, S. D'Antonio Maceiras, and E. Maestu, 'Esferas públicas, crisis política e internet: el surgimiento electoral de Podemos', *História, Ciências, Saúde-Manguinhos*, vol. 22, no. suppl, Art. no. suppl, Dec. 2015, doi: [10/gddtwk](https://doi.org/10/gddtwk).
 14. P. Parra, A. J. Gordo, and S. A. D'Antonio Maceiras, 'La investigación social aplicada en redes sociales. Una innovación metodológica para el análisis de los "Me gusta"', *Revista Latina de Comunicación Social*, no. 69, Art. no. 69, 2014, Accessed: Nov. 04, 2017. [Online]. Available: <http://www.redalyc.org/resumen.oa?id=81931771017>

C.2. Congress, indicating the modality of their participation (invited conference, oral presentation, poster)

International conferences & Key conferences (selection)

1. J. Torregrosa, Á. Panizo-Lledot, S. D'Antonio-Maceiras, and D. Camacho. Measuring the Relationship Between the Use of Typical Manosphere Discourse and the Engagement of a User with the Pick-Up Artist Community', in *Intelligent Data Engineering and Automated Learning – IDEAL 2023*. 2023
2. Sergio D'Antonio Maceiras. Enfoque convivencial de las TIC en el Trabajo Social: Estudio sobre tres universidades albanesas en el Proyecto T@SK. I Congreso Internacional De Trabajo Social Digital. 2020
3. Sergio D'Antonio Maceiras. Possibilities and functionalities of free software for social work in Albania. 3rd International Conference Achievements And Challenges Of Social Work Profession In Albania. ISBN 978-9928-4559-5-6. 2019
4. Sergio D'Antonio Maceiras. Dime cómo aprendes y te diré cuánto conoces. La influencia del aprendizaje en el conocimiento de las tecnologías digitales de los mayores. XIII Congreso Español de Sociología. 2019
5. Sergio D'Antonio Maceiras. Labour inclusion for asd from an european perspective: the experience of the pages project. European Association of Schools of Social Work: Meanings of quality of social work education in a changing Europe. 2019
6. Sergio D'Antonio Maceiras. The relevance of an ict convivencial approach in social work. 2nd international conference achievements and challenges of social work profession in albania. 2018. **Keynote Speaker**
7. Sergio D'Antonio Maceiras. Violencia de genero en twitter. Una propuesta metodologica de analisis a traves de un estudio de caso. II Congreso Internacional Comunicación y Pensamiento. Internet y Redes Sociales, nuevas libertades, nuevas esclavitudes. 2017
8. Diego De Haro Gázquez y Sergio D'Antonio Maceiras. La importancia de los marginales en la creación de comunidades conversacionales online. XII Congreso Español de Sociología. 2016

9. Sergio D'Antonio Maceiras y Marta Lizcano Barrio. Coping with the Paradoxical Structures of Scientific Journals, Open Access and Academic Carriers. The Paradox of Paradox? - Workshop on Contradictions, Ironies and Surprises in Law, Economy and Society. 2015
10. Sergio D'Antonio Maceiras. La gestión cultural como gestión contracultural. Encontro Internacional Cultura e Tecnologias Digitais. 2014. **Keynote Speaker**

C.3. Research projects, indicating your personal contribution. In the case of young researchers, indicate lines of research for which they have been responsible.

Selection:

1. Malicious actors profiling and detection in Online Social Networks through Artificial (MARTINI). PI: David Camacho. Funded by: AEI-PCI. (CHIST-ERA-21-OSNEM-004). 2022-2025. Funding: 866.991,04 €. **Responsible** of coordination among social science and computer science partners in the development of a taxonomy, and the analysis of machine learning models for malicious actors' detection.
2. Iberian Digital Media Research and Fact-Checking Hub (IBERIFIER). PI: Ramón Salaverría (Univ. de Navarra). Funded by: European Union. CEF-TC-2020-2. 2021-2024. Funding: 1,476,315.00 €. **Responsible** of supporting the computer science team in the detection, evaluation and analysis of models for fake news detection.
3. XAI-DisInfodemics: eXplainable AI for disinformation and conspiracy detection during infodemics (XAI-DISINFORMATION). PI: Paolo Rosso (UPV). Funded by: Ministerio de Ciencia e Innovación ((PLEC2021-007681). 2021-2024. Funding: 419.876,50 €. **Responsible** for the interpretation of SNA models and their explainability and appropriateness to real application contexts
4. Mediatization of women's rage: frameworks of intelligibility and communicative strategies of politicizing transformation (PID2020-113054GB-I00). Funded by: Ministerio de Ciencia e Innovación. 2021-2024 Funding: 46,200. PI: Nuñez Puente, Sonia (URJC). **Responsible** of OSN data gathering and methodological analysis
5. Fighting against Information Disorders in Online Social Networks (FightDIS). PI: David Camacho. Funded by: Ministerio de Ciencia e Innovación (PID2020-117263GB-I00). 2021-2024. Funding: 92,444.00 € (UPM) **Responsible** of supporting the computer science team in the detection, evaluation and analysis of models for disinformation disorders.
6. Distrack: tracking disinformation in online social networks through deep natural language processing. Funding Entity: Digital Future Society. 2021-.2022 Funding: €40.000. PI: David Camacho (UPM), Alejandro García (UPM). **Responsible** of OSN data gathering and methodological analysis
7. CIVIC: Intelligent characterization of the veracity of information associated with COVID-19 (PCAI2061220327). Funding Entity: BBVA Foundation grants for scientific research teams sars-cov-2 and COVID-19. 2020-2022. Funding: 98.325€. PI: Alejandro Martín García. **Responsible** of final results analysis and final report redaction
8. T@SK PROJECT - Towards Increased Awareness Responsibility and Shared Quality In Social Work. Funding Entity: ERASMUS +. 2017-2020. Funding: €718.000. PI: Giorgia Bulli (UNIFI). **Responsible** for building the IT infrastructure for 3 Albanian Universities and
9. RISE Women with disabilities In Social Engagement (RISEWISE) H2020-MSCA-RISE-2015. Funding Entity: European Union. 2016-2020. Funding: €3.500.000. PI: Juan Pavón (UCM). **Responsible** of conducting and analyzing a survey in 8 countries.
10. The resignification of the woman-victim in popular culture: implications for representational innovation in the construction of vulnerability and resistance (FEM2015-65834-C2-2-P). Funding Entity: Ministry of Economy and Competitiveness. 2016-2018 PI: Nuñez Puente, Sonia (URJC). **Responsible** of OSN data gathering and methodological analysis

C.4. Contracts, technological or transfer merits, Include patents and other industrial or intellectual property activities (contracts, licenses, agreements, etc.) in which you have collaborated. Indicate: a) the order of signature of authors; b) reference; c) title; d) priority countries; e) date; f) Entity and companies that exploit the patent or similar information, if any