



CURRICULUM VITAE (CVA)

CV date	19/02/2025
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Parte A. PERSONAL INFORMATION

Firts name	Nuria		
Familiy name	Rodríguez Ortega		
Gender (*)	Female		
email		URL Web	
Open Researcher and Contributor ID (ORCID) (*)	0000-0003-3460-397X		

(*) Mandatory

A.1. Current Position

Position	Full Professor of Art History (Catedrática de Universidad)		
Initial date	02/11/2019		
Institution	Universidad de Málaga		
Department/Centre	Historia del Arte / Facultad de Filosofía y Letras		
Country	Spain		
Keywords	Digital art history, data analysis and visualization, art exhibitions, NLP, art theory and vocabulary, cultural complex systems		

A.2. Education

PhD, Licensed, Graduate	University /Country	Year
Ph.D. in Art History	Universidad de Málaga /Spain	2002
Master in Cognitive Sciences	Universidad de Málaga	2021
First degree thesis	Universidad de Málaga / Spain	1998
Licensed in Art History	Universidad de Málaga / Spain	1995
Specialist in Digital Humanities (postgraduate studies)	Universidad de Castilla La Mancha / Spain	2006

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

Research Periods: 5

Dr. Nuria Rodríguez Ortega holds a Ph.D. in Art History from the University of Málaga (UMA), a Master's in Cognitive Sciences from UMA, and a specialization in Digital Humanities from the University of Castilla-La Mancha (UCLM). She serves as a Full Professor of Art History at UMA, where she leads the Art History Department since 2009. Her courses focus on digital humanities, digital cultural heritage, and digital art history.

A leader in her field, she founded and directs the iArtHis_Lab Research Group, an international laboratory exploring art history through computational and techno-critical lenses, as well as the ReaArte.Dix Network, supported by UMA, dedicated to digital studies on artistic culture. Since 2021, she has directed the Telefónica-UMA Chair on 5G, *Digital Culture and Next-Generation Technology for the Society*. Her contributions extend to serving as President (2017–2021) and now Honorary President of the Sociedad Internacional de Humanidades Digitales Hispánicas (HDH), and as a member of the Academia Europaea in the Musicology

and Art History section. Between 2007 and 2013, she was Deputy Director of the Málaga Municipal Heritage Museum.

Rodríguez Ortega's research transcends traditional disciplinary boundaries, integrating computational languages, digital media, and art culture. Her work emphasizes data visualization for complex cultural systems analysis, natural language processing for art-theoretical texts, and computer vision for creating new visual epistemologies. She investigates how emerging technologies redefine cultural categorization, offering innovative narratives and insights into artistic phenomena.

Her academic influence in Digital Humanities has been profound. She was among the first to introduce large-scale computational analysis and ontological models into art history. Her doctoral research pioneered these methods, later applied to Spain's first national projects on Digital Humanities and Art History. Key initiatives, including ATENEA Project, focused on creating digital corpora of art-theoretical texts and exploring their linguistic-semantic structures.

Rodríguez Ortega has organized and led over 40 international events, such as the groundbreaking International Workshop on Digital Art History in collaboration with the Getty Research Institute (2011) and the inaugural International Conference on Digital Art History (2016). She also co-edited the pivotal 2013 issue of *Visual Resources* dedicated to Digital Art History, a cornerstone in the field's development. In 2019, she earned Spain's first Digital Art History Chair.

Her prolific scholarly output includes over 180 publications on Digital Humanities and Art History. She has directed innovative projects like *Digital Mellini* (2009–2015), a collaboration with the Getty Research Institute, and the Exhibitium-Andalex project, which applied data science to art exhibition studies. In the last five years alone, she has delivered over 30 lectures, 11 of them as keynotes at major conferences.

Beyond research, Rodríguez Ortega is committed to fostering techno-critical thinking and transdisciplinary education. She leads TransUMA, UMA's transdisciplinary skills lab, and has coordinated the annual summer course "Digital Art History: Data-Driven Analysis and Digital Narratives," a joint initiative with Berkeley and Ludwig-Maximilian universities since 2016.

Part C. RELEVANT MERITS (sorted by typology)

C.1. Publications (see instructions)

Books and book chapters

2023. Rodríguez, Ortega, Nuria y Sauret Guerrero, Teresa (coords. y eds.). *Museografías y catalografías imposibles*. Gijón: Trea, 2023. ISBN: 978-84-19525-65-9.

2023. Rodríguez Ortega, Nuria (coord. y ed.). *Cultura en Digital. Innovación para nuevas audiencias*. Madrid: Fundación Telefónica-Penguin Random House, 2023. ISBN: 978-84-01-06005-2.

2019. Rodríguez Ortega, Nuria, Díez Platas, Fátima, and Kivakari, Seppo. *Airing the Past: Inquiry into Digital Memories*. Brill. ISBN: 978-1-84888-495-3.

2015. Rodríguez Ortega, Nuria y Taín Guzmán, Miguel. *Teoría y literatura artística en España. Revisión historiográfica y estudios contemporáneos*, Madrid, Real Academia de Bellas Artes de San Fernando, 2015. ISBN: 978-84-96406-36-0.

2015. Baca, Murtha and Rodríguez-Ortega, Nuria. *Digital Mellini's Inventory Inverse. A Digital Facsimile with Translation and Commentary*, Los Angeles: Getty Research Institute, 2015. <http://www.getty.edu/gri/mellini>. ISBN: 978-1-60606-161-9 (online).

2022. Rodríguez Ortega, Nuria. «Posrealidad, simulación y otros conceptos. Breves apuntes para la discusión teórica», en Soto Caba, Victoria y Simal López, Mercedes (Eds.). *Effímero y virtual. Rescates digitales de artefactos provisionales*. Jaén: Universidad de Jaén, 2022, pp. 309-332. ISBN: 978-84-9159-471-0.

2022. Rodríguez Ortega, Nuria. «Social Sciences and Digital Humanities of the South: Materials for a Critical Discussion», en Fiormonte, Domenico, Ricaurte, Paola, and Chaudhuri, Sukanta. *Global Debates in the Digital Humanities*. Minneapolis: Minnesota University Press, 2022, ISBN: 978-1-5179-1326-7, pp. 101-113.

2020. Rodríguez-Ortega, Nuria. «Image Processing and Computer Vision in the Field of Art History: Overview, Challenges and Critical Inquiries», in Brown, Kathrin. *Routledge Companion to Digital Humanities and Art History*. London: Routledge, pp. 338-357. ISBN: ISBN: 9781138585584.

Research papers

2024. Rodríguez-Ortega, Nuria. «Contours of Knowledge: Epistemological Implications of Semantic Models in the Representation of the Art Exhibition Domain through the Lens of the OntoExhibit Ontology», *Zivot umjetnosti*, vol. 114, n.º 1, pp. 122-147. doi: <https://doi.org/10.31664/zu.2024.114.06>

2023. Rodríguez Ortega, Nuria. «Prácticas expositivas, museos e interfaz tecnocrítica», *Journal of Spanish Cultural Studies*, 24:1, pp. 9-31, 2023. DOI: 10.1080/14636204.2023.2188350. ISSN: 1463-6204

2022. Rodríguez-Ortega, Nuria. «Techno-Concepts for the Cultural Field: n-Dimensional Space and Its Conceptual Constellation», *Multimodal Technol. Interact.* **2022**, 6(11), 96; <https://doi.org/10.3390/mti6110096>

2020. Rodríguez Ortega, Nuria, Suárez, Juan-Luis, y Varona, Daniel. «Counting is not Enough. Modelling Relevance in Art Exhibition Ecosystems», *Curator. The Museum Journal*, vol. 63, issue 4 (October), pp. 637-653, 2020. ISSN: 2151-6952 doi: <https://doi.org/10.1111/cura.12380>.

2019. Rodríguez Ortega, Nuria. «Digital Art History: The Questions that Need to Be Asked», *Visual Resources*, vol. 35 (2), 2019, pp. 1-15. ISSN: 0197-3762 (Print). doi: 10.1080/01973762.2019.1553832.

2019. Rodríguez Ortega, Nuria y Cruces Rodríguez, Antonio. «Development of Technological Ecosystems for Cultural Analysis: The Case of Expofinder System and Art Exhibitions», *Digital Scholarship in the Humanities* (Oxford University Press), vol. 34, n. 2, pp. 423-448. doi: <https://doi.org/10.1093/llc/fqy018>.

2018. Rodríguez Ortega, Nuria. «Canon, Value, and Cultural Heritage: New Processes of Assigning Value in the Postdigital Realm», *Multimodal Technologies Interact*, 2018, 2(2), 25; <https://doi.org/10.3390/mti2020025>.

2018. Rodríguez Ortega, Nuria. «Art History and the Global Challenge. A Critical Perspective», *Art@s Bulletin*, vol. 6, n. 1, 2017, pp. 11-19. ISSN: 2264-2668

C.2. Congress

2023. [Closing Lecture] Humanidades Generativas: metodologías especulativas y abordajes epistémicos. Congreso: *VI Congreso de la Sociedad Internacional de Humanidades Digitales Hispánicas. Encuentros y transformaciones*. Organizan: HDH y UNIR. Lugar: Logroño. Fecha: 18-20 de octubre de 2023.

2023. [Plenary Lecture]. Inteligencia artificial e Historia del Arte: Epistemología (s) y discusión crítica. Congreso: *V Congresso de História da Arte. Heranças, debates e novas perspectivas*. Organizan: APHA Associação portuguesa de historiadores da arte. Lugar: Lisboa (Fundação Kalauste Gulbekian). Fecha: 18-20 de octubre de 2023.

2021 [Opening Lecture]. Reordering priorities in the PosCovid Age. Human-Centered Technologies and Digital Humanities. *European Summer University in Digital Humanities*. Leipzig University. August 3, 2021.

2017 [Guest keynote speaker] «On Methods to Analyze and Visualize Data», *Coding Dürer*, Ludwig-Maximilian Universität Munich, March 3, 2017.

2018 [Guest keynote speaker]. «Epistemologies and Critical Re-Evaluation of Digital Art History Practices». *International Conference Digital Art History. Methods, Practices, Epistemologies*. Institute of Art History in Zagreb / Croatian National Science Foundation, Zagreb. November 12-14, 2018.

2016 [Opening lecture]. «Digital Art History into Perspective». *Une recontre autor de la Digital Art History*. Institut National d'histoire de l'art, Paris. June 13-14, 2016.

C.3. Research projects

Main Researcher

Estudio e interpretación del dominio de las exposiciones artísticas como sistema cultural complejo mediante analítica de datos y procesamiento del lenguaje natural. PID2021-125037NB-I00- Ministerio de Ciencia e Innovación. From: 01-09-2024 to: 31-08-2025. Funding: 74.536€.

Diseño de un modelo semántico guiado por ontologías del dominio de las exposiciones artísticas para la generación de conocimiento y valor en el ámbito de las Industrias Culturales y Creativas (ICC). UMA20-FEDERJA-126. Junta de Andalucía. From: 01-01-2021 to: 30-06-2023. Funding: 56.356€.

Metodologías de datos aplicadas al análisis de las exposiciones artísticas para el desarrollo de la economía creativa. Funded by: Fundación Pública Centro de Estudios Andaluces (Junta de Andalucía). From: 01/07/2017 to: 30/06/2019. Funding: 30.000€. Ref.PRY128/17.

Generación de conocimiento sobre exposiciones artísticas temporales para su reutilización y aprovechamiento multivalente. Funded by: FBBVA. 2014 Call for Digital Humanities Projects. From: 18/12/2014 to 18/12/ 2016. Funding: 60.000€.

Catálogos artísticos: gnoseología, epistemologías y redes de conocimiento. Análisis crítico y computacional. HAR2014-51915-P. I+D+i National Program. From: 01-01- 2015 to: 31-12-2019. Funding: 26.000€

Participation as researcher

G-SANDBOX. Supporting Architectural and Technological Network Evolutions through and intelligent, secureD and twinning enabled Open eXperimentation facility. (HORIZON-JU-SNS-2022-STREAM-C-01-01). Grant agreement: 101096328. IP: Michael Dieudonne. From: 01-01-2023 to 31-12-2025. Funding: 8.546.551,53€.

COSCH - Colour and Space in Cultural Heritage. European Cooperation in the Field of Scientific and Technical Research. Ref.: TD1201. Unión Europea. COST Action. IP: Prof. Frank BOOCHS Fachhochschule Mainz - University of Applied Sciences. Representing Spanish Member in the Management Committee (MC). November 2012 — November 2016. Funding: 170.000€.

C.4. Contracts, technological or transfer merits

Director

Cátedra Telefónica-UMA 5G Redes de Nueva Generación y Tecnologías de la Información. Funded by: Telefónica Móviles España. From: 02/06/2021 (open-ended). Funding: 15.000€ (annually).

Deputy Director

Cátedra Picasso-Fundación Málaga. Fundación Málaga. October 2018 — June 2022. IP: Eugenio Carmona Mato. Funding: 106.000€