

LINO CAMPRUBÍ

Professor and PI of ERC-CoG DEEPMED
Universidad de Sevilla, Facultad de Filosofía
Camilo José Cela, S/N, 41018 Sevilla (Spain)
lcamprubi@us.es
<https://personal.us.es/lcamprubi/>

ACADEMIC POSITIONS

2023-	Universidad de Sevilla Profesor Titular
2018-2022	Universidad de Sevilla Investigador Ramón y Cajal at Facultad de Filosofía
2017-2018	Universidad Autónoma de Barcelona Investigador Ramón y Cajal at CEHIC
2014 –2017	Max Planck Institute for the History of Science Research Scholar (equivalent to Assistant Professor) at Department II
2012 – 2014	Universidad Autónoma de Barcelona, CEHIC Post-doctoral research fellow, ERC-StG-funded project <i>The Earth Under Surveillance</i>

VISITING POSITIONS

Fall 2021	IMÉRA, Institut d'Études Avancées, Aix-Marseille Université Chair Germaine Tillon (3 months)
2017-2018	Max Planck Institute for the History of Science Visiting Researcher at Epistemes of Modern Acoustics (9 months)
Spring 2016	The University of Chicago Visiting lecturer at Fishbein Center (3 months)

PROJECTS (as Principal Investigator)

2023-25	HAPEARTH-CNS2022-135961- Consolidación Investigadora . 127.000€
2022-27	DEEPMED, European Research Council-Consolidator Grant . 101002330 1.853.000€
2020-23	CO-PI of IBEROT@C, MINECO PID2019-111054GB-I00, Ministerio Ciencia e Innovación . 24.500€
2017-2022	Ramón y Cajal, RYC-2015-18002, Ministerio Ciencia e Innovación . 322.734,68€
2014-2016	CO-PI of Experiencing the Global Environment, MPIWG Working Group . Ca. 30.000€

EDUCATION

2011	University of California, Los Angeles . PhD in History
2006	Cornell University . Graduate Non-Degree student, STS
2006	Universidad de Sevilla . MA, History and Philosophy of Science
2004	Universidad de Sevilla . BA, Philosophy

AWARDS and recognitions (selected)

2023-	Vice-President of the International Commission for the History of Oceanography.
2022	Premio Manuel Losada Villasante a la Investigación Científica en Andalucía.
2021	Académico de la Academia Joven de España
2018	Member of Young Academy of Europe
2018	Turriano Book Prize to <i>Los ingenieros de Franco</i> , International Committee for the History of Technology .
2017-2022	Ramón y Cajal Research Fellow, Ministerio de Economía (Spain).
2010	Melvin Kranzberg Dissertation Fellowship- Society for the History of Technology
2006-2008	Doctoral Fellowship; Fundación Caja Madrid

PUBLICATIONS

Books:

- Javier Pérez-Jara and Lino Camprubí, *Science and Apocalypse in Bertrand Russell: A Cultural Sociology* (Lexington Books, 2022).
- *Los ingenieros de Franco. Ciencia, catolicismo y Guerra Fría* (Barcelona: Crítica, 2017; third edition, with new prologue, 2023). Winner of International Committee for the History of Technology Prize, 2018.
- *Engineers and the Making of the Francoist Regime* (Cambridge, Mass.: The MIT Press, 2014).

Edited Books and special issues:

- Gustavo E. Romero, Javier Pérez-Jara and Lino Camprubí (eds.), *Contemporary Materialism: Its Ontology and Epistemology* (Springer, Synthese, 2022).
- Juan del Llano and Lino Camprubí (eds.), *Sociedad entre pandemias* (Fundación Gaspar Casal, 2021)
- David Pretel and Lino Camprubí (eds.), *Technology and Globalisation: Networks of Experts in World History* (Palgrave MacMillan, Palgrave Studies in Economic History Series, 2018).
- Lino Camprubí and Philipp Lehmann (eds.), *Experiencing the Global Environment* (Studies in the History and Philosophy of Science, A, 2018).
- Lino Camprubí, Xavier Roque and Kiko Saez (eds.), *De la Guerra Fría al calentamiento global: Estados Unidos, España y el nuevo orden científico mundial* (Libros La Catarata, 2018).
- José María Arribas, Lino Camprubí, and David Pretel (eds.), *History, Sociology and Philosophy of Science* (Empiria, 18, July-December, 2009).

Articles (peer-reviewed):

- Birds Without Borders: Ecological Diplomacy and the WWF in Franco's Spain, *Historical Studies in the Natural Sciences*, 50, 4, (2020): 433-455.
- 'No Longer an American Lake': Depth and Geopolitics in the Mediterranean, *Diplomatic History*, 44, 3 (2020): 428-446.

- Whose self-sufficiency? Energy dependency in Spain from 1939, *Energy Policy*, 125 (2019): 227-234.
- Experiencing deep and global currents at a 'Prototypical Strait', 1870s and 1980s, *Studies in the History and Philosophy of Science*, 77 (2018): 6-17.
- L. Camprubí & P. Lehmann, "The scales of experience: Intro to the special issue Experiencing the global environment", *Studies in the History and Philosophy of Science*, 77 (2018): 1-5.
- Ciencia y economía: respuesta a Carlos Barciela, *Segle XX*, 11 (2018): 115-185.
- L. Camprubí & Sam Robinson, A Gateway to Ocean Circulation: Surveillance and Sovereignty at Gibraltar, *Historical Studies in the Natural Sciences*, 46, 4 (2016): 429-459.
- La Naturaleza no existe: conservacionismos y relaciones internacionales en Doñana, *Arbor*, vol: 192-781 (2016): a344, 1-16.
- Resource Geopolitics: Cold War Technologies, Global Fertilizer, and the Fate of Western Sahara, *Technology and Culture*, 57, 3 (2015): 676-703.
- One Grain, One Nation Rice Genetics and the Corporate State in Early Francoist Spain (1939-1952), *Historical Studies in the Natural Sciences*, 40, No. 4 (2010): 499-531.
- Los estándares como instrumentos políticos: ciencia y Estado franquista a finales de los años cincuenta, *Empiria*, 18 (July-December, 2009): 85-114.
- Traveling Around the Empire: Iberian Voyages, the Sphere, and the Atlantic Origins of the Origins of the Scientific Revolution, *Eä: Journal of Medical Studies and Social Studies of Science and Technology*, 1. 2 (2009): 1-19.

Chapters of books:

- Dodecahedral Silo: Spain, 1953, in S. Blacker et al. (eds.) *The Planning Moment: Colonial and Postcolonial Histories* (Fordham University Press, 2024): 76-83.
- With W. J. Brownlie, M. A. Sutton, et al., "Phosphorus reserves, resources and uses", in W.J. Brownlie, M.A. Sutton, K.V. Heal, D.S. Reay, B.M. Spears. (eds.), *Our Phosphorus Future* (Edinburgh: UK Centre for Ecology and Hydrology, 2022): 23-76.
- "Materialism and the History of Science" in *Contemporary Materialism* (Synthese, Springer): 239-267.
- "Mind and Language: From Modernity to Cognitive Sciences" in *Introductory Teaching Material for Philosophy and Modern Culture* (Universidad de Sevilla, 2020): 253-266.
- Lino Camprubí and Alix Hui, "Testing the Underwater Ear: Hearing, Standardizing, and Classifying Marine Sounds from World War I to the Cold War", in *Testing Hearing. The Making of Modern Aurality* (Oxford: Oxford University Press, 2020): 301-325.
- Lino Camprubí and Thomas F. Glick, "Science in Spain, 19th and 20th Centuries" in *The Cambridge History of Science. Vol. VIII. Modern Science in National, Transnational and Global Contexts* (Cambridge: Cambridge University Press, 2020): 361-375.
- Engineering as Cultural Hegemony: What a Gramscian Interpretation of Francoism Teaches about Gramsci, in Massimiliano Badino and Pietro D. Omodeo, *Cultural Hegemony in a Scientific World. Vol. 2. Civil Society and Scientific Culture* (Leiden: Koninklijke Brill, 2020): 258-273.
- "Echo" in Daniel Morat und Hansjakob Ziemer (eds.), *Handbuch Sound. Geschichte – Begriffe – Ansätze* (J. B. Metzler, 2018): 189-193.
- David Pretel & L. Camprubí, "Technological Encounters: Locating Experts in the History of Globalization", in Pretel and Camprubi (eds.), *Tech and Globalisation* (Palgrave, 2018): 1-26.

- *Gibraltar Experiment*: guerra submarina, diplomacia científica, y la incorporación de los océanos al medio ambiente global in Camprubí et al., *De la Guerra Fría al calentamiento global*:
- The Sonic Construction of the Ocean as the Navy's *Operating Environment*, in Dijk, Nathanja van; Ergenzinger, Kerstin; Kassung, Christian; and Schwesinger, Sebastian (eds.), *Navigating Noise* (Cologne: Walther König, 2017): 219-245.
- Matthew Adamson, Lino Camprubí, and Simone Turchetti, "From the Ground Up: Uranium Surveillance and Atomic Energy in Western Europe" in Peder Roberts and Simone Turchetti (eds.), *The Surveillance Imperative. Geophysics in the Cold War and Beyond* (Palgrave Macmillan, 2014): 23-44.
- El arroz del Guadalquivir: laboratorios y territorio en la construcción del Estado franquista, in Vicente Casals y Quim Bonastra (eds.), *Espacios de control y regulación social. Ciudad, territorio y poder, siglos XVII-XX* (Barcelona: Ediciones del Serbal, 2014): 323-331.
- Ni física ni industria: modelos y estándares en las 'ciencias de la construcción' (1934-1961), in Néstor Herran & Xavier Roqué, *La física en la dictadura. Físicos, cultura y poder en España, 1939-1975* (Bellaterra: Universitat Autònoma de Barcelona, 2012): 27-44.
- 'Frankie the Frog': The Total Transformation of a River Basin as 'Totalitarian' Technology (Spain, 1946-1961). *Endeavour*, 36, 1 (2011): 23-31.

Public outreach (selection):

- Con Javier Pérez Jara, "Prólogo", en Russell, *¿Por qué luchamos?* (RBA, 2024): i-xv.
- Con Javier Pérez Jara, "La arqueología como arqueología y la relativa independencia de la cultura", *Revista de Occidente*, 520 (Nov. 2023): 36-53.
- Por qué el Sáhara Occidental es una pieza clave para la seguridad alimentaria mundial, *The Conversation* (Apr. 2022).
- Pensar la epidemiología en tiempos de COVID-19, *Investigación y Ciencia* (Sept. 2020): 52-53.
- De Elcano a Magallanes, 500 años orbitando alrededor de la Tierra, *The Conversation*, August 2019.
- ¿Gibraltar, europeo?, *Diálogo Atlántico*, Instituto Franklin-UAH, 11 December 2018.
- El Valle de los Caídos, la SEAT y el arroz con pato, ¿símbolos del franquismo? *El País*, 13 July 2018.
- Los científicos e ingenieros de Franco, *Investigación y Ciencia* (Dec. 2017): 50-51.
- Gramsci en Francolandia: tecnocracia, populismo y territorio. *CTXT*, 143, 15 Nov. 2017.
- How the Catalan economy benefited under Franco-and what this means for the ongoing stalemate. *The Conversation*, 25 October 2017.
- The Last African Colony and Moroccan Phosphate Mining. *Technosphere Magazine*, HKW (2016).
- Percepción, Ciencia e Historia. *Studia Iberica*, 3 (2016): 21-44.
- Interview. *Continent*. 5, 2 (2016): 37-41.
- Ciencia y filosofía, ¿un diálogo de sordos? El Tiempo de Einstein y el tiempo de Bergson. *Investigación y Ciencia* (nov. 2015): 13-14.
- with Samuel Robinson, "Ocean Science, Gibraltar, and geopolitics – then and now". *The Guardian* (4 October 2013): *Political Science*.
- Què ha passat amb els fosfats del Sàhara Occidental? *Directa*, 322 (June 19, 2013).

- El capitalismo internacional después de la Segunda Guerra Mundial desde la dialéctica de Estados. *El Catoblepas*, 98 (2010): 11.

Essay reviews

- Portuguese History since the Late Middle Ages through the History of Technology: A Four-Volume Overview. *Technology and Culture*, 64, 2 (2023): 574-577.
- Water and Planetary History. Essay Review. *ISIS*, 112, 1 (2021): 164-167.
- The Invention of the Global Environment. Essay Review, *Historical Studies in the Natural Sciences*, 46, 2 (2016): 243-251.

Published reviews (selected)

- Heßler und Weber, Provokationen der technikgeschichte. Zum reflexionszwang historischer Forschung (Ferdinand Schöningh, 2019), *Technology and Culture*, 62, 1 (2020): 253-255.
- F. Sánchez, *Soñando estrellas. Así nació y se consolidó la Astrofísica en España* (Instituto de Astrofísica de Canarias, 2019), *Investigación y Ciencia* (Oct., 2020).
- A. Nieto-Galán, *The Politics of Chemistry* (Cambridge University Press, 2019), *British Journal for the History of Science*, 53, 3 (2020): 411-413.
- D. P. Munns, *Engineering the Environment* (Pittsburgh: Pittsburgh University Press, 2017), *Centaurus*, 59, 1 (2018): 157-159.
- Pérez Jara, *La Filosofía de Bertrand Russell* (Oviedo: Pentalfa, 2014), *Abaco*, 93, 3 (2017): 69-74.
- Gómez, Canales and Balmer, *Science Policies and 20th Century Dictatorships* (Surrey: Ashgate, 2015), *Isis*, 107, 3 (2016): 681-682.
- Erikson, Klein, Daston, Lemov, Sturm & Gordin, *How Reason almost Lost its Mind. The Strange Career of Cold War Rationality* (Chicago: Chicago University Press, 2013), *Dynamis*, 35, 1 (2015): 245-250.
- Martykánova, *Reconstructing Ottoman Engineers. Archeology of a Profession* (Pisa: Edizioni Plus-Pisa University Press, 2010), *Quaderns d'Història de l'enginyeria*, 14 (2014): 191-194.
- Alexandra Hui, *The Psychophysical Ear: Musical Experiments, Experimental Sounds, 1840-1910* (Cambridge, MA.: The MIT Press, 2013), *El Catoblepas*, 140 (2013): 11.
- Timothy Mitchell, *Carbon Democracy: Political Power in the Age of Oil* (London: Verso, 2011), *HoST*, 6 (2012): 116-118.
- Sara B. Pritchard, *Confluence: the nature of technology and the remaking of the Rhône* (Cambridge: Harvard University Press, 2011), *Water History*, 3, 2 (2011): 163-164.
- Guajardo et al., *Innovación y empresa: estudios históricos de México, España y América Latina* (Mexico: Solar Servicios Editoriales, 2008), *Enterprise and Society*, 11, 3 (2010): 656-658.
- A. Gómez y A. F. Canales (eds), *Ciencia y fascismo. La ciencia de posguerra española* (Barcelona, Laertes S.A. de Ediciones, 2009), *Theoria* 68 (2010): 247-250.

Translations

- Simone Turchetti, "Alianzas fugaces dentro de la Alianza: la "diplomacia científica" de la OTAN y el orden mundial de la posguerra" (original in English), in Camprubí et al. *De la Guerra Fría al cambio climático*.

- Thorough revision of Brendan Burke's translations (from Spanish into English) of Gustavo Bueno, *Sciences as Categorical Closures* (Oviedo: Pentalfa, 2013) and Gustavo Bueno, *The happiness delusion* (Oviedo: Pentalfa, 2019).
- Norton M. Wise, "La ciencia como relato (histórico)" (original in English), *El Catoblepas*, 119 (Jan. 2012): 1.
- Theodore M. Porter, "La estadística y el curso de la razón pública: compromiso e imparcialidad en un mundo cuantificado" (original in English), *Empiria* 18 (2009): 19–35.
- Jean Clottes, "Chamanismo en las cuevas paleolíticas" (original in French), *El Catoblepas*, 21 (2003): 1.

INVITED TALKS

- 2023 **Los ingenieros y científicos de Franco ante la hegemonía estadounidense**, Regiocat, U-Oberta (9 June, 2023).
- 2023 **The Mediterranean as Sea and as Region in Postcolonial Times**, La Matière du Politique, Sciences Po (10 March, 2023).
- 2023 **Fronteras marítimas: ciencia y territorialización**, Academia Joven de España (28 Oct., Madrid).
- 2022 **Science and Apocalypse in Russell**, GLOBES program, Notre Dame (8 Nov., Southbend).
- 2022 **Datos oceanográficos**, Workshop Iberot@c, UAM (17 June, Madrid).
- 2022 + Sergio Arias, **Diplomacia de conservación, ecológica y ambiental en España**, Diplomacia científica y guerra fría en España, 1959-1986 (27 Apr., Valencia).
- 2022 **Ontología histórica**, Instituto eCyT, Universidad de Salamanca (31 May, Salamanca).
- 2021 **Knowing the Earth in the Digital Era**, NetIAS lectures series (16 Dec., Bucharest).
- 2021 **The emergence of the deep Mediterranean**, Du Plateau Continental aux abysses (8-9 Dec. Lorient).
- 2021 **What makes an expert? Knowledge and political action in past and present crises**, Wissen in der Krise? (13 Nov. Würzburg).
- 2021 **What makes a crisis? Political narratives on COVID-19**, MPIWG (20 Apr., Berlín).
- 2021 **Los pantanos de Franco, ¿Una obsesión megalómana?**, *Jornadas Interdisciplinares Nayade* (24-26 Feb, Santiago de Compostela).
- 2019 **Ciencia profunda y geopolítica submarina en el Estrecho**, *Seminario Historia de la Ciencia, CCHS-CSIC* (20 Nov., Madrid).
- 2019 **Technology and Globalization**, *ICOHTEC Summer School* (18-21 July, Katowice).
- 2019 **Los ingenieros de minas de Franco**, *Colegio de Ingenieros de Minas* (2 May, Oviedo).
- 2019 **La vuelta al mundo en 500 años**, *V Centenario Cirumnavegación* (17 April, Mieres).
- 2019 **Instrument durability and ocean environmental monitoring at the World Ocean Circulation Experiment and the Argo Project**, *Technologies in Use* (4-6 April, Oxford).
- 2019 **Circulación de saberes y prácticas: dictadura e investigación científica en España**, HISTAGRA (15 febrero, Santiago de Compostela).
- 2018 **Finding your Way in the Ocean's Soundscape**, *Der Ohrenmensch, HKW* (1-3 Nov, Berlin)
- 2018 **The Military and Economic Construction of a Maritime Space**, *Below the Surface: A*

New Wave of Interdisciplinary Mediterranean Studies (18-20 Oct., Menton).

- 2018 **Worldmaking: From *History and Philosophy of Science to History and Philosophy of Technology*?** Opening Keynote, 6 *Encontro Nacional de História das Ciências e da Tecnologia* (11 July, Almada).
- 2018 **Estándares: algunas reflexiones.** *Estándares. Perspectivas históricas, epistémicas e institucionales*, UAM (18-19 June, Madrid).
- 2018 **Die Tiefsee.** *Guest Lecture*, Humboldt-Universität (23 May, Berlin).
- 2018 **¿Qué es el Mediterráneo? Unidad e Identidad contemporáneas de un espacio profundo,** *Escuela de Filosofía de Oviedo*. Fundación Gustavo Bueno (7 May, Oviedo).
- 2018 **Gibraltar Experiment,** *Simposio Nuevo Orden Científico Mundial*, UAB (16 Feb., Barcelona).
- 2018 **A Deep Space,** *Dept. II Colloquium*, MPIWG (24 Jan., Berlin).
- 2017 **Ciencia y diplomacia: geofísicos españoles en una OTAN sin España.** *Ciencia y cultura como recursos simbólicos del nacionalismo en la España del siglo XX*, Universitat Pompeu Fabra (14-15 Dec. Barcelona).
- 2017 **Gramsci in Francoist Spain: Technocrats as the “universal class”?** *Populists and Technocrats*. Robinson College, Cambridge University (25 Sept., Cambridge).
- 2017 **The Strait in the Cold War.** *Oceans in Global History. M. A. Global History*. Freie Universität (29 June, Berlin).
- 2017 **The Emergence of the Global Environment.** *Knowing Nature. The Changing Foundations of Environmental Knowledge*. Renmin University (24-28 May, Beijing).
- 2017 **Underwater Surveillance and the Modern Mediterranean.** *Histoire des sciences, histoire de l’innovation*, Université Pierre et Marie Curie (4 May, Paris).
- 2017 **Experiencing Deep and Global Currents at a Prototypical Strait, 1860s and 1980s.** *Colloquium Center for Science Studies*, Aarhus University (19 April, Aarhus).
- 2017 **The Cold War Mediterranean. Geophysics and Geopolitics.** *Historisches Seminar*, LMU (19 January, Munich).
- 2016 **Experience as Doing: ‘Observing’ the Sea Level at a Prototypical Strait.** *Experiencing the Global Environment*, MPIWG (2-3 August, Berlin).
- 2016 **Phosphorus and Technologies of the Anthropocene.** *School of the Arts Institute of Chicago* (6 April, Chicago).
- 2016 **Percepción, ciencia e historia.** *Escuela de Filosofía de Oviedo*. Fundación Gustavo Bueno (14 March, Oviedo).
- 2016 **A Global Underwater Ear: Technologies of Collective Experience and Historical Perception,** *Experiencing the Global Environment*, MPIWG (4-6 February, Berlin).
- 2015 with Alexandra Hui, **Testing the Underwater Ear: Hearing, Standardizing, and Classifying Marine Sounds during the Cold War,** *Knowledge, Technologies and Mediation: A Workshop in Honor of Norton Wise*, UCLA (17 October, Los Angeles).
- 2015 **Who owns the world’s fertilizer? The geopolitics of finding, moving and selling phosphate,** *The Technosphere Now*, Haus der Kulturen der Welt (2 October, Berlin).
- 2015 **La invención del medio ambiente global,** *Hombre y Cosmos*, Universidad de la Rioja (22 July, Santo Domingo de la Calzada).
- 2015 **A Gateway to Oceanic Circulation: Submarine Surveillance, Oceanography, and the Contested Sovereignty of Gibraltar,** *MPIWG, Dept. II Colloquium* (18 June, Berlin).

- 2015 **Doñana: el mito de la Naturaleza.** *Escuela de Filosofía de Oviedo*, Fundación Gustavo Bueno (26 January, Oviedo).
- 2014 **Surveillance, oceanography and the NATO.** *Science and Technology at NATO.* University of Manchester (26 Jul, Manchester)
- 2014 **Domes, models and silos as functional representatives of the Francoist state.** *L’Inscription spatiale des sciences et ses enjeux: Expositions, Dispositifs, Architectures*, Centre Alexandre Koyre (26-27 May, Paris)
- 2014 **La energía nuclear: perspectivas históricas.** *Los costos de la energía nuclear*, Instituto de Historia de la Medicina y de la Ciencia López Piñero (8 May, Valencia).
- 2014 **Gibraltar: vigilancia, oceanografía y diplomacia.** *Escuela de Filosofía de Oviedo*, Fundación Gustavo Bueno (17 February, Oviedo).
- 2014 **Migraciones y endemismos: ideas e instituciones en el Parque Nacional de Doñana.** *Ciencias e ideologías en los parques naturales españoles*, Institut d’Estudis Catalans (30 January, Barcelona).
- 2013 **Diplomacy and Cold War Oceanography in Gibraltar.** *Ciclo ciencia y franquismo.* Universidad Autónoma de Barcelona (20 December, Barcelona).
- 2013 **¿La ciencia como cultura?**, *El Reino de la Cultura*, Universidad de la Rioja (July 17, Santo Domingo de la Calzada).
- 2013 **Energía nuclear: apocalipsis, utopía y filosofía, X Encuentros en el Lugar** (April 6, Carrascosa de la Sierra).
- 2013 **Geología y geopolítica: fosfatos y la recolonización del Sáhara Occidental,** *Escuela de Filosofía de Oviedo*, Fundación Gustavo Bueno (Feb. 26, Oviedo).
- 2012 **The Engineer's “Redemption of Spain:” science, autarky, and the landscape in early Francoism.** *Ciclo ciencia y franquismo.* Universitat Autònoma de Barcelona. (October 22).
- 2012 **The political economy of autarky and the materialization of the corporate state,** *Workshop on Political Economy and the State*, Cambridge University (July, Cambridge).
- 2012 **Ciencia, tecnología y Estado en la España de Franco,** *Escuela de Filosofía de Oviedo*, Fundación Gustavo Bueno. (March, Oviedo).
- 2011 **Ni física ni industria. Modelos y estándares en las ‘ciencias de la construcción,’ 1934-1961,** *Simposio Historia de la Física en España en el siglo XX: balance y perspectivas* (Dec., Barcelona).
- 2010 **Paco el rana: política de presas e investigación científico-técnica en el primer franquismo,** *Consejo Superior de Investigaciones Científicas* (11 Feb, Madrid).
- 2009 **Laboratories and Models for Early Francoist Political Economy,** *Places of Modern Science: Situated Laboratories, Dispersed Artifacts, Host, 4th Annual Workshop* (Dec., Lisbon).

CONFERENCE PRESENTATIONS (selected)

- 2023 **Gibraltar y la circulación oceánica,** XXV Bienal de la Real Sociedad Española de Historia Natural (2-6 Sept, Málaga).
- 2022 **A Global Mediterranean,** *Society for the History of Technology* (10-13 Nov., New Orleans).
- 2020 **3D Visions of the Mediterranean,** *European Society for the History of Science* (31 Aug-3 Sept., Bolonia).

- 2019 **From Green to Blue: Ocean Conservation & Earth System Sciences**, *History of Science Society* (23-29 July, Utrecht).
- 2018 **Varieties of Pluralism and their Ontological Implications: The Case of Earth System Sciences**, *IX SLMFCE* (13-16 November, Madrid).
- 2018 **From the Bottom Up: the Political Epistemology of the Strait of Gibraltar**, *European Society for the History of Science-BSHS* (15-18 September, London).
- 2018 **Blue Planet: Science, Technology and Law in the Emergence of the Global Ocean**. *The Right Use of the Earth, Ecole Normale Supérieure* (29 May-1 June, Paris).
- 2017 **Oceanic Technologies for a New European Border**. *Tensions of Europe. Borders and Technology* (7-10 September, Athens).
- 2017 **On Arms and Letters: Legal, Technical and Military aspects of US Maritime Hegemony in the Mediterranean**. *SHAFR Annual Meeting* (23-25 June, Washington D.C.)
- 2017 **A Broken Alliance: Transnational Controversies around the Mediterranean and the North Atlantic**. *ASEH Annual Meeting* (29 March- 2 April, Chicago).
- 2017 **Anti-Submarine Warfare and the New Ocean Geography**. *Cold War Geographies, The British Library* (16 Jan., London).
- 2016 **The Law of the Sea. Science, Technology and History**. *Fearful Features-Peace & Security in Asia, Osaka University* (8-9 Dec., Osaka).
- 2016 **Underwater sounds and Spain's Participation in the Golden Age of Capitalism**, *7th ESHS* (22-24 Sept., Prague).
- 2016 **Detection Systems: Mediterranean Surveillance of the Environment and Refugees**, *4S-EASST* (31 Aug. -3 Sept., Barcelona).
- 2016 **Phenomenotechniques: Individual perception, collective experience, and the history of technology**, *SHOT Annual Meeting* (22-26 June, Singapore).
- 2016 **Gibraltar: oceanografía militar, soberanía, y los pactos del 53**, *IX Encuentro Investigadores del Franquismo* (10-11 March, Granada).
- 2015 **Science in the Flesh: The Epistemological Role of Bodily Sensations and Operations in 20th Century Oceanography**, *5th Conference European Philosophy of Science Association* (23-28 Sept. Düsseldorf).
- 2015 **The geopolitics of self-sufficiency**, *7th Tensions of Europe Meeting* (3-6 Sept. Stockholm).
- 2015 **Sound Surveillance System: the Geopolitics and Science of Anti-submarine Warfare**, *The Society for Historians of American Foreign Relations* (25-27 June, Washington D.C.).
- 2014 **Biologists in Conflict: Transnational Ornithology and agricultural development in the Andalusian marshes**, *6th European Society for the History of Science* (4-6 Sept, Lisbon).
- 2014 **Swedish Andalusia: Bird Migrations and International Organizations**, *9th Science and Technology in the European Periphery* (1-3 Sept, Lisbon).
- 2014 **Laboratorios y territorio: ingenieros en la construcción del Estado franquista**, *XIII Coloquio Internacional de Geocrítica* (5-10 May, Barcelona).
- 2014 **Engineering as Cultural Hegemony: from a History of Francoism to a Historiography of Gramsci**, *Science as Cultural Hegemony: Gramscian Concepts for the History of Science* (22-24 January, Barcelona).
- 2013 **Resource geopolitics: geophysics, the Cold War phosphate market, and the (re)colonization of Western Sahara**, *SHOT Annual Meeting* (Oct. 11-13, Portland, Maine).

- 2013 with Samuel Robinson **“Underwater turbulences: Cold War oceanography and the contested sovereignty of the Strait of Gibraltar,”** *Tensions of Europe. Democracy and Technology* (Sept. 19-21, Paris).
- 2013 **Resource geopolitics: geophysics and (re)colonization in Morocco and the Sahara,** *24th International Congress of the History of Science, Technology and Medicine* (July 22-27, Manchester).
- 2013 **Autarky and the internal colonization of early Franco's Spain,** *8th meeting of the International Water History Association* (June 25-28, Montpellier).
- 2013 **Peripheral metropolises and agrarian landscapes: phosphates and the (re)colonization of Western Sahara,** *Shaping Landscapes and Building Expertise* (Mar 10-13, Lisbon).
- 2012 **An atomic push: prospecting uranium and phosphates in the Spanish Sahara (1945-1975),** *5th European Society for the History of Science Meeting* (Nov. 1-3, Athens).
- 2012 **Transnational nationalism: sources and displays of Spanish autarkic science,** *German science in Southern Europe* (Oct. 11-13, Lisbon).
- 2012 With Simone Turchetti and Matthew Adamson: **From the Ground Up. Uranium Prospection in Western Europe, Cold War, Blue Planet** (June 27-29, Manchester).
- 2012 **El paisaje híbrido Guadalquivir-Sueca: circulación de semillas y Estado corporativo (1936-1952),** *Seminario Historia Medioambiental en España* (Apr., Granada).
- 2010 **The Total Transformation of a River and the Limitations of Totalitarianism,** *SHOT Annual Meeting* (Sept–Oct, Tacoma).
- 2010 **Where Technology and Religion Met: National–Catholicism and Avant–Garde Architecture in Early Francoist Spain,** *STEP* (June, Galway).
- 2009 **Appetite for Destruction: The Dictatorial State, Models and the ‘Sciences of Construction’ in Early Francoist Spain,** *Modeling Spaces, Modifying Societies* (Oct. 7-9, Darmstadt).
- 2008 **Building a European Spain: Concrete Regulation and International Networks in the ‘Sciences of Construction’ (Franco’s Spain, late 1950s),** *SHOT Annual Meeting* (Oct., Lisbon).
- 2008 **Traveling Around the Empire: Iberian Voyages, the Sphere, and the Atlantic Origins of the Scientific Revolution,** *Fifth Annual UCLA Department of Spanish and Portuguese Graduate Student Conference* (June, Los Angeles).
- 2007 **Coal, Cement and Design: Engineering Political Economy in Early Francoist Spain,** *History of Science Society Annual Meeting* (Washington D.C.).
- 2007 **Empresa pública y privada en la la reconstrucción de la posguerra española: los primeros años del Instituto Torroja,** *XII Encuentros de Filosofía* (June, Gijón).
- 2006 **Transforming Regimes: Continuity of Scientific Institutions in Spain (1950-1980),** *History of Science Society Annual Meeting* (Vancouver).
- 2006 **Diseño Inteligente y complejidad,** *Complejidad* (Jan., Havana).
- 2004 **Filosofía y terapia,** *41 Congreso de Filósofos Jóvenes* (Apr, Barcelona).

TEACHING AND OTHER PROFESSIONAL EXPERIENCE

- 2020-21 **Lecturer** 18 h. Masters in International Relations, U. Salamanca.
- 2018- **Lecturer** 1’5 course per year in the following subjects: “Historia de la ciencia”,

- "Filosofía de la ciencia", and "Filosofía de la mente y el lenguaje". U. Sevilla.
- 2016 **Visiting lecturer**, "A Global History of Cold War Science and Technology", spring quarter. University of Chicago, Fishbein Center.
- 2014 **Invited professor** to *Sound Signatures*, August 18-22. Max Planck Institute for the History of Science and New York University.
- 2012-14 and 2017- **Served in various doctoral committees** at Universidad Autónoma de Barcelona.
- 2010-11 **Teaching Fellow** for Cluster Course "History of Modern Thought", including a one-quarter course of my own design: "Ways of Thinking (and Writing) About Technology." University of California, Los Angeles
- 2010 (January) **Director of contents** for the documentary film on Dar Es Salaam for pavilion "The Future of Cities" at the Shanghai International Expo 2010, *Ingeniaqed*.
- 2008-09 **Teaching Fellow** for Cluster Course "Evolution of Cosmos and Life", including a one-quarter course of my own design: "Industrial Nature: How Science, Technology and Politics Changed the World We Live In." University of California, Los Angeles.
- 2006-07 **Teaching Assistant** for "What is this thing called science?" (Prof. Eric Scerri), University of California, Los Angeles.
- 2006-06 **Research assistant** for the *Department of Marketing and Communication. Cornell University*.

SERVICE TO THE PROFESSION

Expert evaluator of projects for European Research Council (inc. H2020 and MSCA) and for Spanish Agencia Nacional de Evaluación y Prospectiva (including Juan de la Cierva 2018).

Member of Editorial Boards of *Centaurus*, *HoST Journal*, and *Dynamis*.

2023- Member of the **Abbot Payson Usher Prize** Committee (*Society for the History of Technology*).

2019-2022. Member of the **Maurice Daumas Prize** Committee (*ICOHTEC*).

2017-2019. Member of **Edlestein Prize** Committee (*Society for the History of Technology*).

Member of professional societies HSS and SHOT.

Organization of conferences: *Ciencias marítimas, medioambiente y estrategia* (USevilla, June 2023); *Visual Representations of the 3-D Mediterranean* (IMèRA, Marseille, Nov. 2021); *Experiencing the Global Environment* (MPIWG, Berlin, Feb. 2016) and others. Organization of panels for conferences: HSS, SHOT, 4S, EASST, STEP, ESHS, and others.

Served in Scientific Committee of conferences: *Tensions of Europe*, *Water History*, and others.

Manuscript and paper evaluations for: the MIT Press, *Ayer*, *Centaurus*, *Diplomatic History*, *Historia Agraria*, *Journal of Contemporary History*, *Physics Today*, *Social Studies of Science, Technology and Culture*, *Water History*, and others.

LANGUAGES

Oral and written fluency: Spanish and English. Medium: German and French.

Reading: German, French, Portuguese, Catalan, Italian.