



Fecha del CVA	15/01/2020
4 pags.	

### Parte A. DATOS PERSONALES

Nombre y apellidos	José M Ferreirós Domínguez		
DNI/NIE/pasaporte	XXXXXXXXXX	Edad	XX
Núm. identificación del investigador	Researcher ID	F-4795-2017	
	Scopus	6603826725	
	Código Orcid	0000-0002-4837-3071	

### A.1. Situación profesional actual

Organismo	Universidad de Sevilla		
Dpto./Centro	Filosofía y Lógica y Fil. ciencia		
Dirección	Camilo J Cela, s/n. 41018		
Teléfono	XXXXXXXXXX	Correo electrónico	josef@us.es
Categoría profesional	Catedrático universidad	Fecha inicio	2007
Espec. cód. UNESCO	7205, 5506		
Palabras clave	Lógica, Filosofía de las matemáticas y la física, Historia de las ciencias		

Miembro ordinario del IMUS, Instituto de Matemáticas de la Univ. de Sevilla.

### A.2. Formación académica (título, institución, fecha)

Licenciatura/Grado/Doctorado	Universidad	Año
Doctorado	Universidad Autónoma de Madrid	1991
Licenciatura	Universidad Autónoma de Madrid	1988

### A.3. Indicadores generales de calidad de la producción científica

Sexenios: 5, el último concedido en 2019.

Tesis dirigidas: 4 desde 2008, 2 en fase de finalización.

Citas totales: 162

H-index: 8

Datos tomados de Scopus.

(Google Scholar, h-index: 15)

Libros publicados en Princeton Univ. Press, Birkhäuser y Oxford Univ. Press.

Experto para el Social Sciences and Humanities Research Council of Canada; para el VQR 2011-2014, Italia; para la ANECA y la Dirección General de Investigación; para los Strategic Research Programs 2011 de la Vrije Universiteit Brussels.

### Parte B. RESUMEN LIBRE DEL CURRÍCULUM (máximo 3500 caracteres, incluyendo espacios en blanco)

Born in Santiago de Compostela in November 1964, José Ferreirós has been *Profesor titular* at the Universidad de Sevilla since 1995, *Catedrático* (full professor) since 2007. Since 2016 he is also ordinary member of the Mathematics Institute in Seville (IMUS).

For two years (2009-2011) he worked in a research position at the Centro Superior de Investigaciones Científicas in Madrid. He has been invited professor at the universities of Bologna, Paris 7, and UC Berkeley, also invited researcher at the Maison des Sciences de l'Homme (MSH Paris).

Ferreirós obtained his B.A. at Universidad Autónoma de Madrid (1988) and a Ph.D. in Logic and Philosophy of Science from that same university (1991). His dissertation led to the later publication of books in Spanish (1993) and English (Birkhäuser Verlag, 1999, 2<sup>nd</sup> edn 2007). In 1993 and 1994 he was a postdoctoral Fulbright fellow at the Univ. of California at Berkeley, working in the *Office for History of Science and Technology* under the supervision of Prof.

John L. Heilbron. He also established links with members of the *Group in Logic and the Methodology of Science*, for whose Logic Colloquium he has lectured twice (1994 and 2006). Back in Spain, he spent the year 1995 as a researcher at the Univ. Autónoma de Madrid, also teaching the History of Science. From then on, he has taught at Universidad de Sevilla, primarily courses on the Philosophy of Science, but also History of Science, Philosophy of Mathematics, Logic & Foundations, and other related subjects. He has also taught at the Mathematics and Engineering departments.

Ferreirós has developed strong ties with the community of mathematicians in Spain and abroad. He presided the History Commission of the Real Sociedad Matemática Española and was in charge of the History section in *La Gaceta de la Real Sociedad Matemática Española*. Likewise, he was a member of the Comité Español de Matemáticas (CEMat) and organizer of a good number of sessions in international congresses. He has frequently collaborated with the Mathematisches Forschungsinstitut Oberwolfach (Germany), and the Centre for the History of the Mathematical Sciences, Open University (GB). Since 2005 he is “membre correspondant étranger” of the CNRS group REHSEIS (*Recherches épistémologiques et historiques sur les sciences exactes et les institutions scientifiques*) based at the Univ. Paris-Diderot (Paris 7).

He is one of the 9 founding members of the *Association for the Philosophy of Mathematical Practices*, established 2009. Currently he belongs of its directive committee and he was its first president (2010-2015). Also he has been member of the *Committee for Logic in Europe* (Association of Symbolic Logic) since Jan 2008. He was elected full member of the *Académie Internationale de Philosophie des Sciences* (Brussels) in 2017, having been a corresponding member since 2007.

From 2001 to 2007, Ferreirós coordinated an inter-university Ph.D. program on ‘*Ciencia y Cultura*’, run jointly with the Universidad Autónoma de Madrid and devoted to issues in philosophy of science, history of science, and social studies of science. He has directed four dissertations, and currently supervises three more.

He also run since 1998, with prof. A. Durán from the Mathematics Department, a Colloquium devoted to History of Mathematics. Currently he is involved in popularization activities with the Math Institute IMUS.

He belongs to the editorial board of the international journals *Llull* (Spain) and *Mathesis* (México), previously he served also for *Theoria*. He was member of the Board of the Sociedad de Lógica, Metodología y Filosofía de la Ciencia en España, .

Ferreirós specializes in the history and philosophy of mathematics – philosophy of mathematical practices, development of foundational studies, and in history especially contemporary mathematics (19<sup>th</sup> and 20<sup>th</sup> cent.) with an emphasis on German developments. He has also done research on the physical sciences (see e.g. articles of 1995, 2002, 2004, and the Riemann book of 2000), philosophy of logic (see especially the paper in *BSL*, 2001), and general philosophy of science (especially so-called new experimentalism).

His work has always emphasized conceptual, methodological, and foundational problems in the development of mathematics and science, and has thus remained close to issues in the philosophy of mathematics. This association has come more explicitly to the surface in his publications of recent years, as his research projects now concentrate on philosophical problems concerning mathematical knowledge and mathematical practices. A book entitled *Mathematical Knowledge and the Interplay of Practices*, published in 2016, analyzes root concepts of mathematics from the standpoint of a historical & cognitive epistemology, employing the notion of mathematical practices and their interaction as a tool to provide a novel analysis of mathematical knowledge and its objectivity.

## **Parte C. MÉRITOS MÁS RELEVANTES** (*ordenados por tipología*)

### **C.1. Publicaciones selectas de los últimos años**



1. *Mathematical Thought and the Interplay of Practices*. Princeton University Press, 2016.
2. (With E. Reck) Dedekind's Mathematical Structuralism: From Galois Theory to Numbers, Sets, and Functions. In: G. Schiemer & E. Reck, eds. *The Prehistory of Mathematical Structuralism*. Oxford University Press, 2020.
3. Wigner's 'Unreasonable Effectiveness' in Context. *Mathematical Intelligencer* Vol. 39:2 (2017), 64-71.
4. Dedekind's map-theoretic period. *Philosophia Mathematica* Vol. 25:3 (2017), 318–340 (online July 2016, 10.1093/philmat/nkw010).
5. (With María de Paz) From Gauss to Riemann through Jacobi. Interactions between geometry and mechanics? *Journal for General Philosophy of Science*, accepted for publication in first 2020 issue.
6. (With M. García-Pérez) Beyond Natural Geometry: On the nature of proto-geometry. *Philosophical Psychology*, (2020) published online 02 Nov 2019. <https://doi.org/10.1080/09515089.2019.1683726>
7. *El Árbol de los Números: cognición, historia, lógica* (Ed. with Abel L. Casanave). Editorial Universidad de Sevilla, 2016.
8. Purity as a Value in the German-speaking area. In B. Larvor, ed. *Mathematical Cultures* (Birkhäuser Verlag, 2016), pp 215-234. DOI: 10.1007/978-3-319-28582-5
9. The Early Development of Set Theory. Second version. *The Stanford Encyclopedia of Philosophy* (Fall 2016 Edition), Edward N. Zalta (ed.), 2016.  
URL = <<http://plato.stanford.edu/archives/sum2007/entries/settheory-early/>>
10. Richard Dedekind (ed., introducción, traducción, notas): *¿Qué son y para qué sirven los números? y otros escritos sobre los fundamentos de la matemática*. Segunda edición revisada: Alianza Editorial, Madrid, 2014.

## C.2. Proyectos en los últimos años

- La Génesis del Conocimiento Geométrico ([FFI2017-84524-P](#)). Proyecto de Excelencia funded by the Spanish Ministry MINECO.
- La Génesis del Conocimiento Matemático: Cognición, Historia, Prácticas ([P12-HUM-1216](#)). 2013-2018, Proyecto de Excelencia funded by Junta de Andalucía.
- Filosofía de las prácticas matemáticas: agencia humana, conocimiento y contextos ([FFI2009-10024](#)). 2010-2012, funded by the Spanish Ministry.

## C.3. Fellowships y premios

- 2007 Invited professor/ Équipe Rehseis, CNRS (currently SPHÈRE), Univ. Paris–Diderot (Paris 7)/ Paris, France
- 2006 – 2007 Visiting Scholar/ Department of Philosophy, UC Berkeley/ USA
- 2004 – 2004 Invited researcher/ International Programme for Advanced Studies, Maison des Sciences de l'Homme (MSH)/ Paris, France
- 1993 – 1994 MEC/Fulbright Fellow/ OHST, UC Berkeley/ USA
- 1989 – 1992 F.P.I. MEC grant, Philosophy Faculty/ Univ. Autónoma Madrid/ Spain

## C.4. Supervisión de postdocs y tesis. Sexenios. Responsabilidades institucionales

- 2009 – 2019 3 Postdocs contratados/ 4 tesis doctorales/ 11 estudiantes de Master  
Facultad de Filosofía/ Departamento de Filosofía y Lógica, Universidad de Sevilla/ Spain  
5 sexenios de investigación.  
En curso tres tesis doctorales, dos de ellas previstas para fin de 2020.
- 2017 – 2020 Vicedecano, Facultad de Filosofía/ Univ. de Sevilla/ Spain
- 2002 – 2003 Secretario, Departamento de Filosofía y Lógica, Univ. de Sevilla/ Spain

### C.5. Organización de congresos científicos

- 2020 President of the Scientific Committee, Fifth International Meeting of the APMP/ ETH Zurich, Switzerland
- 2019 Main organizer, *III Encuentro Ibérico de Historia de las Matemáticas* / IMUS, Sevilla/ Spain
- 2016 Member of Scientific Committee, *In Memoriam Richard Dedekind* / Techn. Univ. Braunschweig, Germany
- 2010 – 2017 Member of Scientific Committee, *First to Fourth International Meeting of the APMP*/ Univ. Federal da Bahia, Salvador de Bahia, Brasil. / Univ. de Paris Sorbonne & Institut Henri Poincaré, France. / Univ of Illinois at Urbana-Champaign, USA. / Fondation Universitaire, Brussels, Belgium.
- 2015 Main organizer, *Reunión de Historia de las Matemáticas*/ IMUS, Sevilla/ Spain

### C.6. Comisiones académicas

- 2019 Comisión de contratos Ramón y Cajal / Juan de la Cierva, AEI.
  - 2016 Italian research assessment VQR/ Italy
  - 2013 – Social Sciences and Humanities Research Council of Canada
  - 2011 Strategic Research Programs, Vrije Universiteit Brussels / Belgium
  - 2010 – Editorial Board, series *History of Analytical Philosophy*, Palgrave Macmillan / GB
  - 2007 – 2011 Member of advisory board, Chair d'excellence ANR senior "Ideals of Proof"/ IHPST & Univ. Nancy/ France
- Reviewer for journals such as: *Synthese*, *Philosophia Mathematica*, *European Journal for the Philosophy of Science*, *Revue d'Histoire des Sciences*, *Historia Mathematica*, *Revue d'Histoire des Mathématiques*, *Mathesis*, *History & Philosophy of Logic*, *Foundations of Science*, etc.
- Member of Editorial Board of journals: *Llull* (Sociedad Española de Historia de las Ciencias y de las Técnicas). *Theoria* (UPV, San Sebastián). *Mathesis* (UNAM, México). *La Gaceta de la Real Sociedad Matemática Española*, as director of its History section.

### C.7. Miembro de sociedades científicas

- 2017 – Full member of *Académie Internationale de Philosophie des Sciences* (Brussels), corresponding member since 2007.
- 2010 – 2015 President of the APMP, the *Association for the Philosophy of Mathematical Practice*. (To 2020 member of the Directive Committee.)
- 2010 Founding Member, APMP "Association for the Philosophy of Mathematical Practice"
- 2008 – 2013 Member of the *Committee for Logic in Europe*, Association of Symbolic Logic