

Eduardo Dorrego López

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ABOUT ME

I am graduate student at IMUS (Seville) where I am pursuing my PhD in History of Mathematics in the Line of Research of Mathematical Analysis under the supervision of José Ferreirós and Guillermo Curbera. My main research interests lie in irrationality and transcendental issues in the 18th and 19th centuries with special attention to J. H. Lambert's work. Away from that, I am interested in all concerning the concept of infinity from both a philosophical and a historical perspective, particularly in Cantor's thoughts. Besides, I am Teacher of Mathematics of Secondary School.

ACADEMIC TRAINING

Degree: **PhD** in Mathematics (History of Mathematics).

Institution: IMUS (Mathematical Institute of University of Sevilla). Official line of research: Mathematical Analysis.

Year: 2015/-

Title: Irrationality and Transcendence in the 18th and 19th centuries. A contextualised study of J. H. Lambert's *Mémoire* (1761/1768).

Supervisor: José Manuel Ferreirós Domínguez.

Tutor: Guillermo Curbera Costello.

Degree: **Master's degree** in Mathematics (**8.35/10**).

Institution: USC (University of Santiago de Compostela), Department of Algebra.

Year: 2009/2010.

Title: Geometría de variedades algebraicas especiales. Sobre la Superficie de Ferrara y su

deformación (9/10).

Advisor: Manuel Ramón Pedreira Pérez.

Degree: **Bachelor's degree** on Mathematics (Specialisation on Pure Mathematics) (8/10).

Institution: USC (University of Santiago de Compostela).

Year: 2000/2005.

PAPERS

E. DORREGO LÓPEZ, **¿Se pueden introducir los cardinales transfinitos en Secundaria? La importancia de la Historia**, *La Gaceta de la RSME*, Vol. 21, N° 1, 2018, pp. 169-182.

E. DORREGO LÓPEZ, **Sobre la irracionalidad de π . Ideas generales de la demostración de Lambert**, *Notae Philosophicae Scientiae Formalis*, Vol. 3, 2014, pp. 81-93.

E. DORREGO LÓPEZ, **Variedades algebraicas con propiedades especiales**, *Actas del Seminario de Iniciación a la Investigación, IMAT*, 2010, pp. 87–90.

CONFERENCES

E. DORREGO LÓPEZ, **Algebraicidad y trascendencia en los siglos XVIII y XIX. Origen, evolución y establecimiento**, *Bienal RSME Santander 2019 (Sesión especial en Historia de las Matemáticas)*, Febrero de 2019, Universidad de Cantabria.

E. DORREGO LÓPEZ, **From that which transcends algebra to the non-algebraic. The case of e and π as motor for the establishment of the modern notion of transcendence**, *29th Novembertagung on the History of Mathematics*, November 2018, IMUS.

E. DORREGO LÓPEZ, **About the nature of π : Proofs and conjectures in Lambert's Mémoire (1768)**, *A History of Mathematics Summer Miscellany*, Friday 27 July

2018, Mathematical Institute of the University of Oxford.

E. DORREGO LÓPEZ, **Dilucidando π . Pruebas y conjeturas en la *Mémoire* de J. H. Lambert**, *Seminario de Iniciación a la Investigación*, Miércoles 21 de Marzo de 2018, USC.

E. DORREGO LÓPEZ, **Sobre las ataduras del “sentido común” en los intentos de comprender lo infinito: del rechazo griego al Paraíso de Cantor**, *Jornada Principal del Año Cantor*, Miércoles 14 de Febrero de 2018, IMUS.

E. DORREGO LÓPEZ, **Lambert y su *Mémoire* de 1768. Principales ideas de la primera prueba de irracionalidad de π** , *2º Encontro Ibérico de História da Matemática*, 15 de Julio de 2016, Universidad de Coimbra.

E. DORREGO LÓPEZ, **J. H. Lambert: polímata y artifice de la primera prueba de irracionalidad de π** , *6º Workshop de Sevilla sobre Filosofía de las Matemáticas*, 10 de Marzo de 2016, Universidad de Sevilla.

E. DORREGO LÓPEZ, **Variedades algebraicas con propiedades especiales**, *Organizada por el IMAT, Seminario de Iniciación a la Investigación*, Miércoles 10 de Octubre de 2010, USC.

ORGANIZATION

Title: 3^{er} Iberian Meeting on History of Mathematics.

Organising committee: José Ferreirós Domínguez, **Eduardo Dorrego López**, Manuel J. García-Pérez.

Organiser: Mathematical Institute of the University of Seville (IMUS).

Place and date: IMUS and Faculty of Mathematis, Sevilla, 26, 27 and 28 Noviembre 2018.

Title: 29th Novembertagung: “History of Mathematical Concepts and Conceptual History of Mathematics”.

Organising committee: María de Paz, **Eduardo Dorrego López**, Elías Fuentes Guillén,

Manuel J. García-Pérez, Brigitte Stenhouse, Elisa Turiello.

Organiser: Mathematical Institute of the University of Seville (IMUS).

Place and date: IMUS, Sevilla, 28, 29 y 30 de Noviembre de 2018.

PROJECTS

Title of the project: **The genesis of geometric knowledge.**

Main researcher: José Manuel Ferreirós Domínguez.

Funding institution: Ministerio de Economía y Competitividad.

RESEARCH STAYS

Institution: Mathematical Institute of the **University of Oxford.**

Research Group: Research Group on History of Mathematics.

Director: Christopher Hollings.

Period: July-September 2018.

LANGUAGE SKILLS

Spanish (native speaker); Galician (native speaker); English (fluent); French (reading).

OTHER MERITS

Figure: **Honorary Assistant** ascribed to the Department of Logic, Philosophy and Philosophy of Science.

Institution: University of Sevilla.

Period: 2018/2019.