

Jean Barré

Department of Literature and Language
École Normale Supérieure – PSL University
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PhD candidate developing computational methods to analyze French literary history (19th-20th centuries), with focus on canonicity formation, intertextuality detection, and character network analysis. Expertise in applying NLP and machine learning to large-scale literary corpora.

Born: 11.12.1999

Programming: Python, R, SQL, bash, slurm, LaTeX

Languages: French, English, some German, some Spanish

Skills: text mining, data engineering, ML, LLM finetuning

Research interests: computational literary studies, literary history, literary theory, stylometry, cultural evolution

Professional and Educational History

from Oct 2025 **Research Software Engineer** (fixed-term)
CNRS – LaTTiCe, Paris

from Oct 2022 **PhD Candidate** in Computational Literary Studies
LaTTiCe, École Normale Supérieure-PSL, Paris

2021–2022 **Student Research Assistant** to T. Poibeau
CNRS – LaTTiCe, Paris

2020–2022 **MSc in Digital Humanities**
École nationale des Chartes, PSL University

2017–2020 **BA in French Literature**
Sorbonne University

2017–2020 **BSc in Computer Science**
Sorbonne University

Grants & Awards

2025 Young Researcher Visiting Grant (€2,000)

DFG Priority Programme “Computational Literary Studies” – Research stay at Würzburg DH Lab under Prof. Fotis Jannidis

Publications

Journal Articles

Barré et al. “Operationalizing Canonicity: A Quantitative Study of French 19th and 20th Century Literature.” *Journal of Cultural Analytics*, vol. 8, no. 1, Oct. 2023. doi:10.22148/001c.88113

Mélanie-Becquet et al. “BookNLP-fr, the French Versant of BookNLP. A Tailored Pipeline for 19th and 20th Century French Literature.” *Journal of Computational Literary Studies*, Nov. 2024. doi:10.48694/jcls.3924

Conference Articles

Published

Barré et al. “Modeling the Birth of a Literary Archetype: The case of the Detective Figure in French Fiction.” *CHR2025*, Dec. 2025, Esch-sur-Alzette, Luxembourg. arXiv:2511.00627

Brottrager et al. “Patterns of Canon: A Multilingual Network Study.” *CHR2025*, Dec. 2025, Esch-sur-Alzette, Luxembourg.

Gabay et al. "The times are a-changin': présent vs passé simple in French novels (1811-2020)." *Digital Humanities Benelux*, Jun. 2025, Amsterdam. hal-04984105

Barré. "Latent Structures of Intertextuality in French Fiction." *CHR2024*, Dec. 2024, Aarhus, Denmark. arXiv:2410.17759

Chen et al. "Network Analysis, Plot Theory: Revisiting French Literature through Character Networks." *DH2024*, Jul. 2024, Washington. hal-04855204

Barré et al. "Détection automatique de l'architextualité dans le roman d'aventures. Une tentative d'opérationnalisation." *Humanistica 2024*, May 2024, Meknès, Morocco. hal-04559749

Barré et al. "Beyond Canonicity. Modeling Canon/Archive Literary Change in French Fiction." *CHR2023*, Dec. 2023, Paris. CHR | hal-04279087

Vianne et al. "Gender Bias in French Literature." *CHR2023*, Dec. 2023, Paris. CHR

Barré et al. "Pour une Détection Automatique de l'Espace Personnage dans les Romans." *Humanistica*, Jun. 2023, Geneva, Switzerland. hal-04105537

Grunspan et al. "Event Annotation for Literary Corpora Analysis." *DH2022*, Jul. 2022, Tokyo. hal-03738806

Teaching

As Course Instructor

Fall 2025	F1TCB01 – Récit et Argumentation, L1 Lettres Modernes (LLFL), Sorbonne Nouvelle
Fall 2025	Applied NLP for Computational Literary Studies CPES - Data, art and cultures, Lycée Louis le Grand, PSL
Fall 2025	Python for Computational Humanities École Nationale des Chartes, Master Humanités Numériques
Spring 2025	Applied NLP for Computational Literary Studies CPES - Data, art and cultures, Lycée Louis le Grand, PSL
Fall 2024	Python for Computational Humanities MSc in Digital Humanities, École nationale des Chartes
Mar 2024	Using Large Language Models to Study Fiction DH meet AI - PSL University intensive week
Fall 2023	Python for Computational Humanities MSc in Digital Humanities, École nationale des Chartes
Nov 2022	A Computational Literary History of Gender in French Fiction DH meet AI - PSL University intensive week

As Teaching Assistant

Spring 2025	Introduction to Computational Literary Studies , with F. Cafiero Department of Literature and Language, École Normale Supérieure
Fall 2024	Introduction to Natural Language Processing , with T. Poibeau MSc in Digital Humanities, École nationale des Chartes
Spring 2024	Introduction to Computational Literary Studies , with F. Cafiero Department of Literature and Language, École Normale Supérieure

Scientific Activities

Reviewer for: Computational Humanities Research (Journal and Conference), Humanistica Conference

Events Organized:

- *Le texte de l'autre. Dialogue interdisciplinaire autour de l'intertextualité et du discours rapporté*, Conference, July 1-3, 2025, Paris. intertextualite.sciencesconf.org

- *AI and Large Language Models (LLMs) for the Analysis of Large Literary Corpora*, Workshop, December 5, 2023, Paris. workshop-llms4cls.github.io

Other: Organization for “Digital Humanities” Master Degree – Participation in building the pedagogical model, Member of the admissions panel; Representative of doctoral students at the Lattice Laboratory