

Nicolas Gutehrle

Associate Professor

Section 27

ERIC Laboratory, UFR ASSP

Université Lumière Lyon 2

(France)

✉ nicolas.gutehrle@univ-lyon2.fr
📄 <https://nicolasgutehrle.github.io>



Education

01/10/2020–
21/06/2024 **Ph.D in Language Sciences, Natural Language Processing specialty, European Doctorate label, Centre de Recherches Interdisciplinaires et Transculturelles (CRIT), Université de Franche-Comté, Besançon, France.**

Thesis title : « *Information extraction from unstructured documents for the valorisation of historical periodicals : application to the heritage of the Bourgogne Franche-Comté Region in France* »

Supervision : Dr. Iana Atanassova (CRIT, IUF)

Funding : EMONTAL project, Bourgogne Franche-Comté region (2020-2023)

Research stay : April–June 2022, *Digital Science Center (DiSC)*, Universität Innsbruck (Austria), under the supervision of Pr. Adam Jatowt and Pr. Antoine Doucet

Viva : 21st June 2024, Besançon, France

Jury :

President : Pr. Antoine Doucet, L3i, La Rochelle Université (France), Section 27

Reviewer : Pr. Bruno Bachimont, COSTECH, Université de technologie de Compiègne (France), Section 71

Reviewer : Dr. Pavel Pecina, UFAL, Charles University (Czech Republic), Section 27 (affiliated)

Examiner : Pr. Mohand Boughanem, IRIS, Université de Toulouse 3, Section 27

Examiner : Pr. Adam Jatowt, Data Science Group, Universität Innsbruck (Austria), Section 7 (affiliated)

Examiner : Dr. Jean-Charles Lamirel, SYNALP, LORIA, Université de Strasbourg (France), Section 71

Ph.D supervisor : Dr. Iana Atanassova, CRIT, Université de Franche-Comté (France); IUF, Section 7

2016–2018 **MSc Languages, Litteratures, and Foreign and Regional Civilisations - Natural Language Processing specialty**, *Université de Franche-Comté*, Besançon, France.

Honours : Very Well

Master thesis : « *Controlled Languages for Message and Alert System in a Mobility Environment : Dealing with Phonological Ambiguity* »

Thesis supervision : Pr. Sylviane Cardey (Centre Lucien Tesnière, IUF), Dr. Iana Atanasova (Centre Lucien Tesnière)

Internship : « *Perception of Cities and Smart Objects* », January 2018 – June 2018, Savoirs, Textes, Langage (STL) laboratory, Université de Lille (France), under the supervision of Dr. Natalia Grabar (CNRS, STL) and Pr. Isam Shahrour (LGCgE)

2013–2016 **BSc Languages, Litteratures and Foreign Civilisations, English specialty**, *Université de Franche-Comté*, Besançon, France.

Honours : Good

Period abroad : 3rd year spent at University of Galway (Ireland), Erasmus program

Work Experience

01/09/2025 – **Associate Professor, section 27, ERIC**, Université Lumière Lyon 2, Lyon, France.
Current

01/07/2024 – **Post-doctorate, ANR InSciM project «Modelling Uncertainty in Science»**,
31/08/2025 *CRIT*, Université Marie et Louis Pasteur, Besançon, France.

01/02/2024 – **Study Engineer, ANR InSciM project «Modelling Uncertainty in Science»**,
30/06/2024 *CRIT*, Université Marie et Louis Pasteur, Besançon, France.

11/09/2023 – **Secretary, CRIT**, Université de Franche-Comté, Besançon, France.
31/12/2023

01/10/2020 – **Doctoral Contract, CRIT**, Université de Bourgogne Franche-Comté, Besançon,
31/09/2023 France.

01/08/2019 – **Data Analyst, OnlineFormaPro**, Vesoul, France.
24/07/2020

20/03/2019 – **Temporary Worker, AME project « Archives des Mémoires de l'Enclave »**,
15/05/2019 *MSHE C.N. Ledoux*, Université de Franche-Comté, Besançon, France.

01/09/2018 – **Study Engineer, « ORTEP Revitalisation » project, MSHE C.N. Ledoux**,
28/02/2019 Université de Franche-Comté, Besançon, France.

Teachings

01/09/2025 – **Associate Professor, MIASHS BSc., UFR ASSP, Université Lumière Lyon 2**,
Current Lyon, France.

— **Algorithmic and Programming** : 1st year, seminars and lectures

— **Web Programming and AI** : 3rd year, seminars and lectures

01/09/2025 – **Associate Professor, Computer Science MSc, ICOM, Université Lumière Lyon**
Current 2, Lyon, France.

— **Initiation to Research** : 1st year, supervision

01/09/2024 – **Lecturer, LACSI MSc, Université de Bourgogne, Dijon, France, 24h in total.**
31/08/2025 — **Computational Linguistics** : 2nd year, 24h seminars

- 26/11/2021, **Redacting Scientific Documents in $\text{\LaTeX}$** , *URFIST*, Lyon, France, 18h in total.
 29/11/2022, — **Redacting Scientific Documents in $\text{\LaTeX}$** : Ph.D students, researchers, librarians,
 28/05/2024 18h seminars
- 01/10/2020 – **Lecturer, LLCER MSc NLP specialty**, *Université de Franche-Comté*, Besançon,
 31/08/2025 France, 329h in total.
 — **Scientific Writing Workshops** : 1st and 2nd year, 20h seminars
 — **Tools of thesis writing** : 2nd year, 2h lectures, 2h seminars
 — **Phonetic Modelisation** : 2nd year, 54h seminars
 — **Object Oriented Programming and Script Languages** : 1st year, 18h lectures, 120h seminars
 — **Software Engineering** : 2nd year, 29h seminars
 — **Machine Learning Methods** : 2nd year, 84h seminars
- 01/09/2018 – **Lecturer, LLCER MSc NLP specialty**, *Université de Franche-Comté*, Besançon,
 31/12/2018 France, 27h in total.
 — **Modélisation Phonétique** : 2nd year, 27h seminars

Research Activities

Scientific Event Organisation

- 09/2020 – **NLP Seminars**, *Université de Franche-Comté*, Besançon, France.
 08/2025
- 09/2023 – **Doctoral Seminars**, *CRIT*, Université de Franche-Comté, Besançon, France.
 08/2025
- 2017, 2018, **TEDonnées study day**, *Université de Franche-Comté*, Besançon, France.
 2022, 2024

Editorial Work

- 03/2025– **Member of the International Journal on Digital Libraries editorial board.**
 Current

Article Reviewing

- JOCCH** : Journal on Computing and Cultural Heritage
NLP4DH : Natural Language Processing for Digital Humanities
ICTIR : International Conference on the Theory of Information Retrieval
TextMine workshops (EGC conference) : Work group on text mining
IJDL : International Journal on Digital Libraries

Scientific Cooperation and Research Stays

- 19/05/2021 – **Participation to *Helsinki Digital Humanities Hackathon***, Online.
 28/05/2021
- 04/2022 – **3 months research stay**, *Digital Science Center (DiSC)*, Universität Innsbruck
 06/2022 (Austria).

Thesis supervision

09/2020 – **LLCER MSc. Natural Language Processing specialty**, Université de Franche-Comté.
08/2025

Anna Bolotnikova : *Annotation Framework for the Automatic Detection of Irony and Textual Sarcasm*, 2024-2025

Lauryne Boffy : *Automatic Extraction of Linguistic Resources for Sentiment Analysis*, 2024-2025

Thibaut Dormieu : *Automatic Identification of OCR Errors for Semi-Automatic Corrections*, 2024-2025

Fany Montay : *Morphological Analyses of Agglutinative Languages for Machine-Learning Purposes : application to Finnish*, 2023-2024, co-supervised with Dr. Iana Atanassova and Yağmur Öztürk

Maya Mathié : *Exploration of French Song Lyrics for the Automatic Detection of Explicit Content*, 2022-2024, co-supervised with Dr. Iana Atanassova

Jacob Tadei : *Evaluation of Counter-Strike Player's Level through their Linguistic Mastery*, 2022-2024, co-supervised with Dr. Iana Atanassova

Lilian Rodrigues de Almeida : *Dialect Automatic Detection through Segmental Hybrid System Based on Acoustic Phonetic Features : a Comparative Case Study between Standard and Breton French*, 2022-2023, co-supervised with Dr. Iana Atanassova and Aurélie Nombrot

Bruno de Brito : *Topic Modelling Applied to 20th Century French Press*, 2021-2023, co-supervised with Dr. Iana Atanassova Dr. Iana Atanassova

Internship Supervision

12/05/2026 – **Oscar Jonas**, *Processing of Archival Funds within the MEDJC project (Journalists*
31/09/2026 *- Researchers Mediations, representations and imaginaries within public spaces)*, MEDJC project, Université Lumière Lyon 2, Lyon, France.

10/02/2026 – **Nicolas Neila**, *Automatic Identification of Knowledge Domains and Analysis of their*
27/07/2026 *Evolution*, ECoDA project, Université Lumière Lyon 2, Lyon, France.

10/03/2025 – **Wenjuan Li**, *Training and fine-tuning of Large Language Models for Detecting and*
31/07/2025 *Categorising Uncertainty in Scientific Texts*, ANR InSciM project, Université Marie et Louis Pasteur, Besançon, France.

03/02/2025 – **Anais Lanier**, *Evaluation NLP methods for Corpus Annotation*, ANR InSciM project,
23/05/2025 Université Marie et Louis Pasteur, Besançon, France.

10/02/2025 – **Fany Montay**, *Training and fine-tuning of Large Language Models for Detecting*
31/07/2025 *and Categorising Uncertainty in Scientific Texts*, ANR InSciM project, Université Marie et Louis Pasteur, Besançon, France.

01/02/2023 – **Bruno de Brito**, *Automatic Processing of Bibliographic Base*, co-supervised with
31/03/2023 Dr. Iana Atanassova, Université Marie et Louis Pasteur, Besançon, France.

Collective and Administrative Responsibilities

09/2026– **Head of Informatic Supervision**, UFR ASSP, Université Lumière Lyon 2, Lyon,
Current France.

09/2026– **Head of 1st year BSc MIASHS**, UFR ASSP, Université Lumière Lyon 2, Lyon,
Current France.

06/2023– **Elected Representative of PH.D students and post-doctoral recruits**, CRIT,
08/2025 Université de Franche-Comté, Besançon, France.

- 06/2023–08/2025 **Scientif Mediation Contact**, *CRIT*, Université de Franche-Comté, Besançon, France.
- 09/2025–06/2023 **Head of Communication and Manager of Web Site of the Natural Language Processing Department**, *Université de Franche-Comté*, Besançon, France.

Scientific Mediation Activies

- 10/2023, 10/2024 **Organiser of CRIT laboratory stand at *Fête de la Science***, *Université de Franche-Comté*, Besançon, France.
- 20/09/2024 **Participation to *Macroscopic Tools for Global Challenges* day**, *Cyberinfrastructure for Network Science Center*, Université d'Indiana, Etats-Unis (en ligne).
- 23/05/2024 **Participation to the 4th edition of *Printemps de la donnée en Bourgogne Franche-Comté***, *Université de Franche-Comté*, Besançon, France.
- 09/2022, 09/2023, 09/2024 **Participation to *Nuit des Chercheur.e.s***, *Université de Franche-Comté*, Besançon, France.
- 01/04/2022, 18/11/2024 **Participation to the scientific mediation festival *OVNI***, *Université de Franche-Comté*, Arbois et Morteau France.
- 12/2021, 12/2024 **Participation to *Expérimentarium***, *Université de Franche-Comté*, Besançon, France.